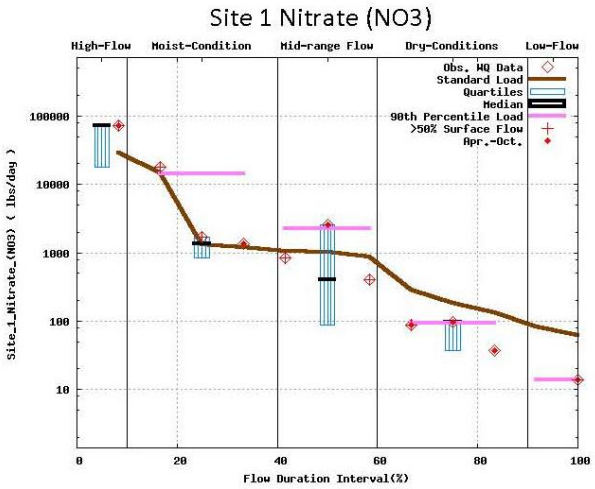
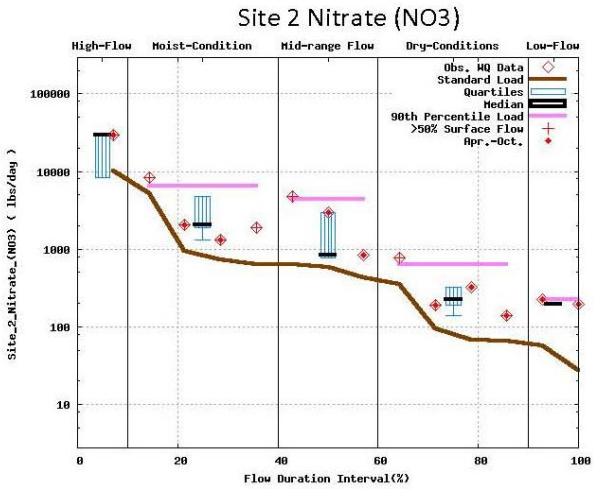
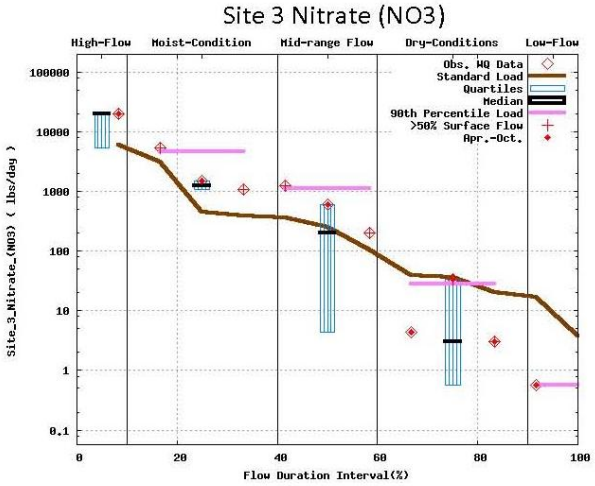
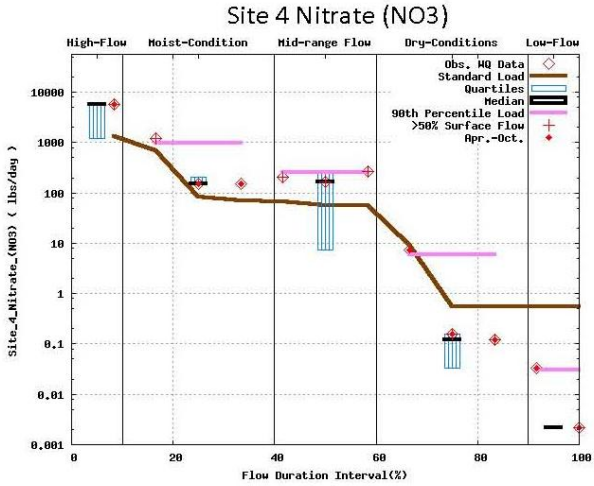
Appendix H – Load Duration Curve and Target Concentration Charts

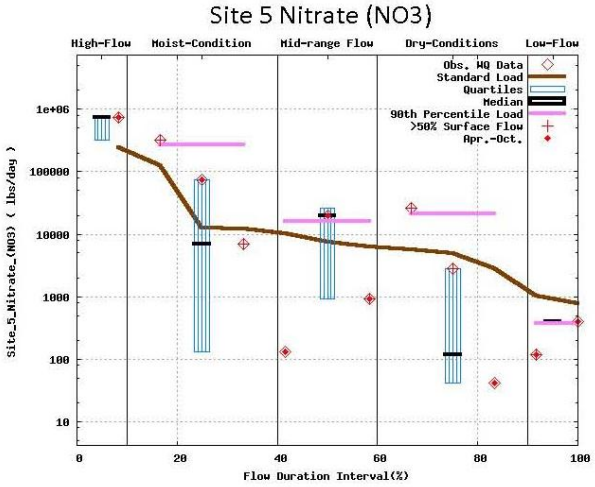
Nitrate Load Duration Curve Charts

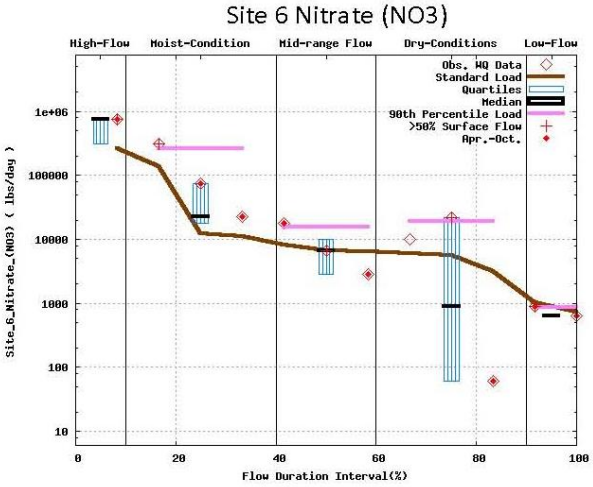


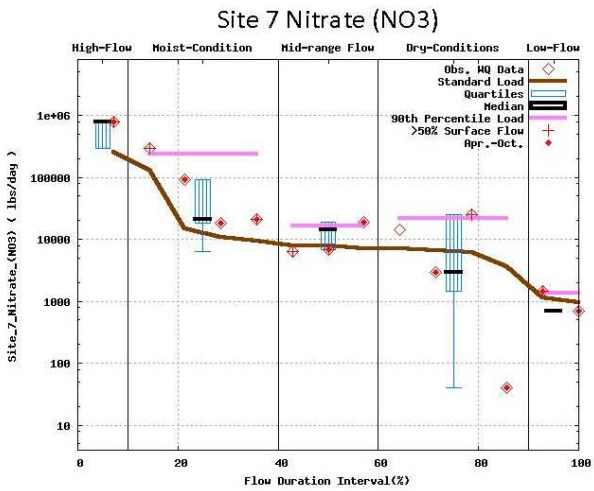


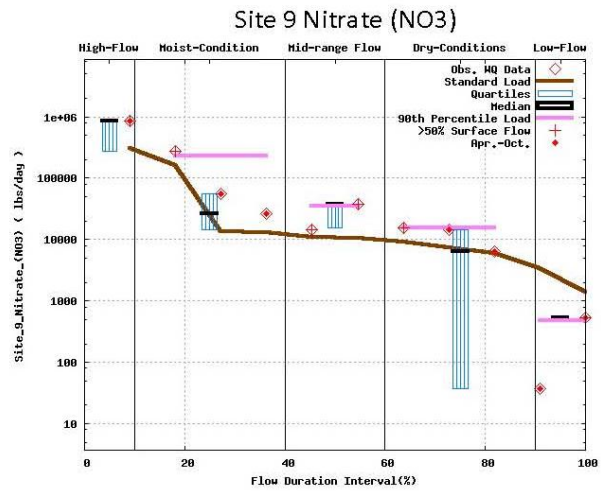


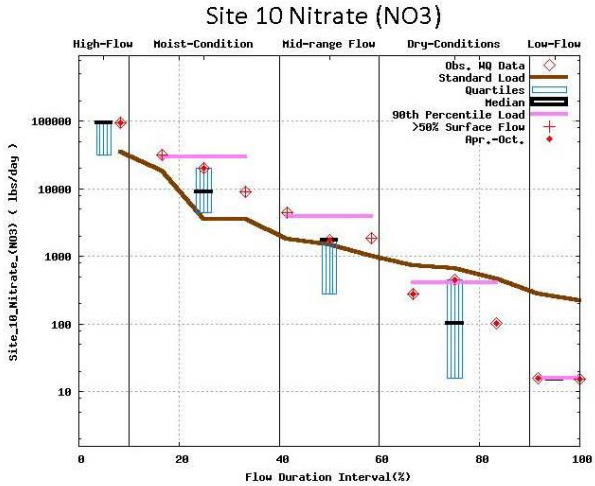


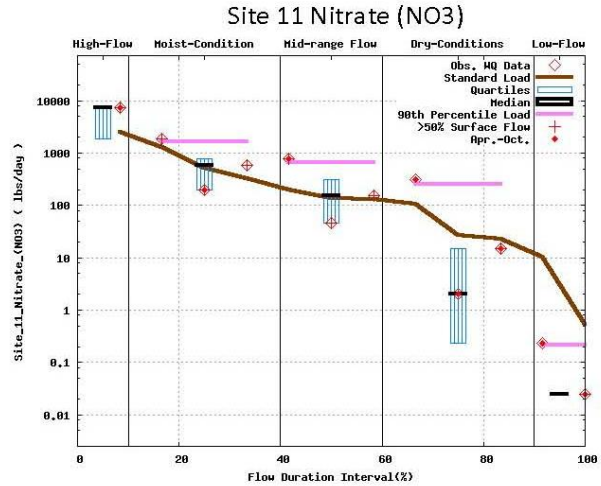


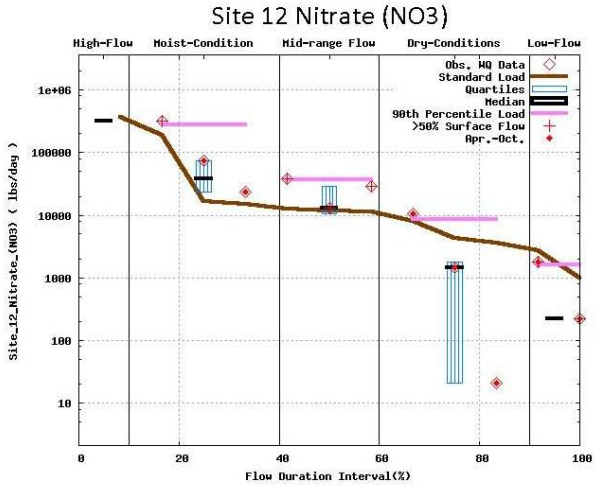


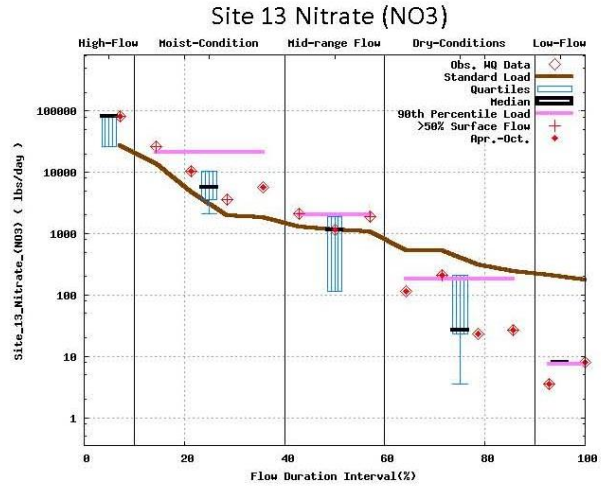




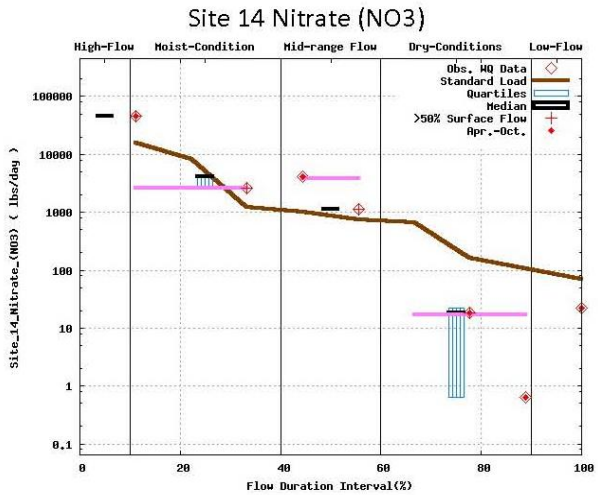


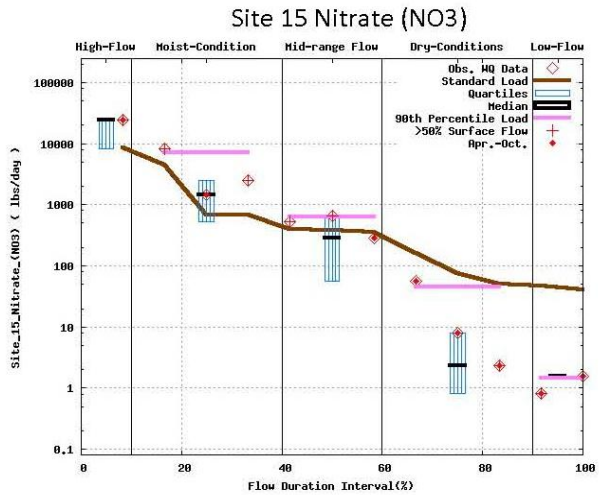




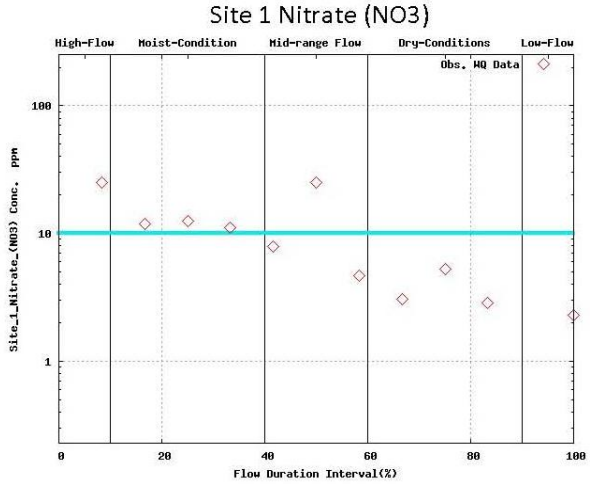


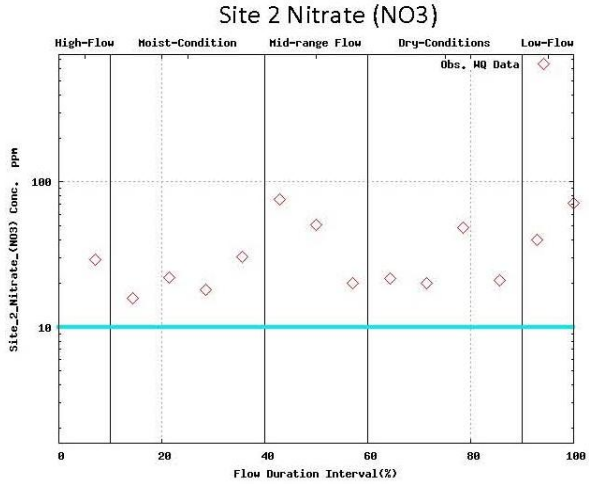
***No charts for Site 8 due to not being able to measure flow.**

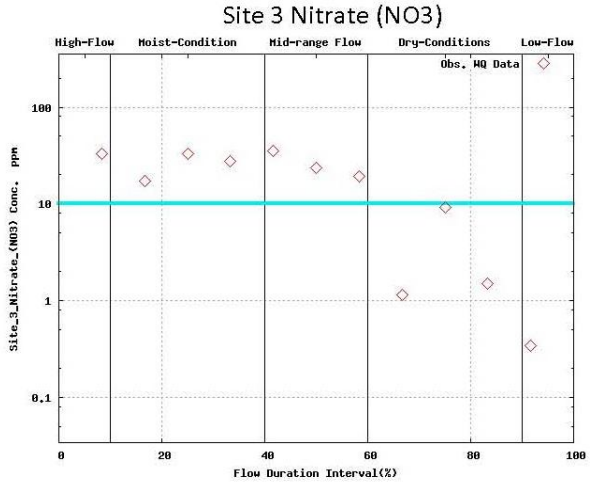


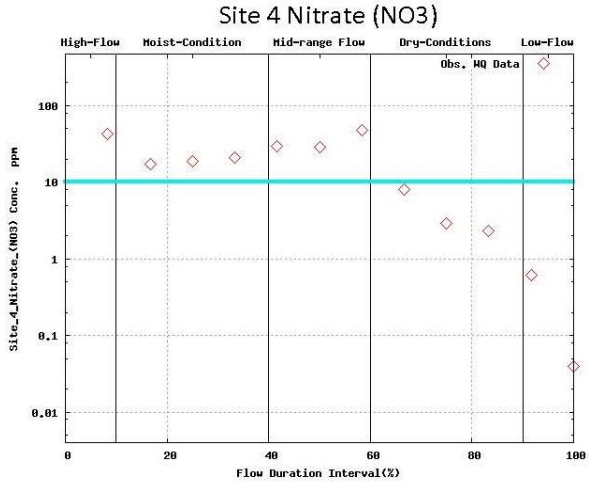


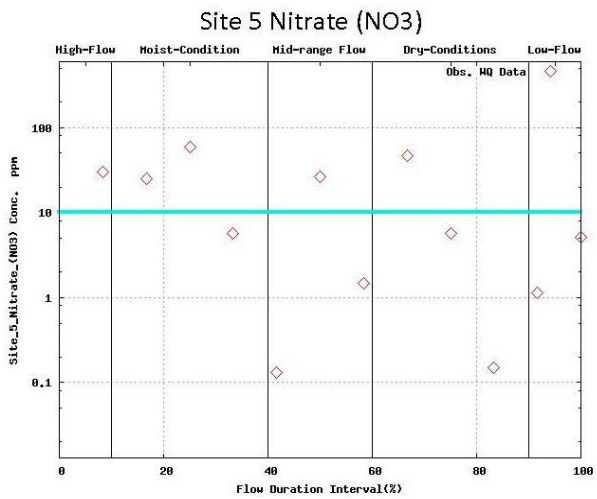
Nitrate Target Concentration Charts

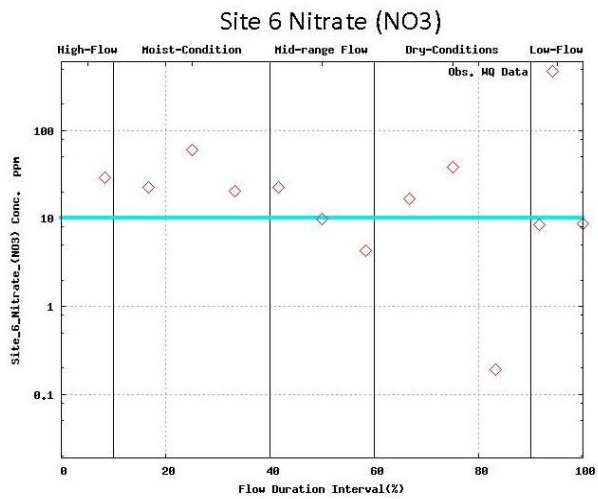


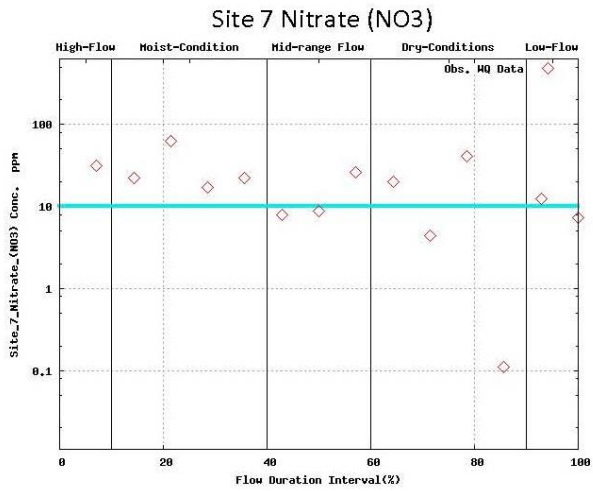


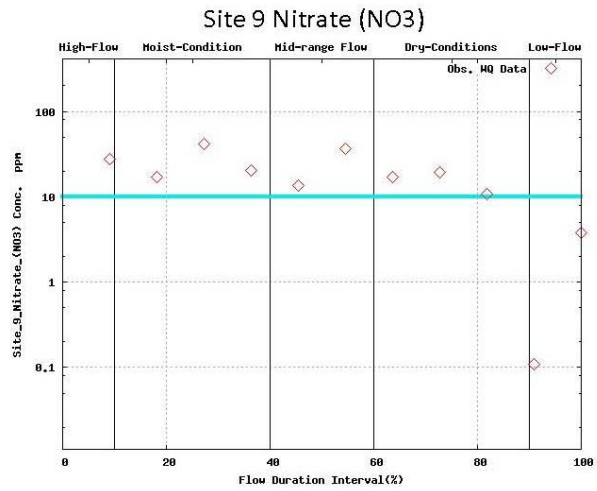


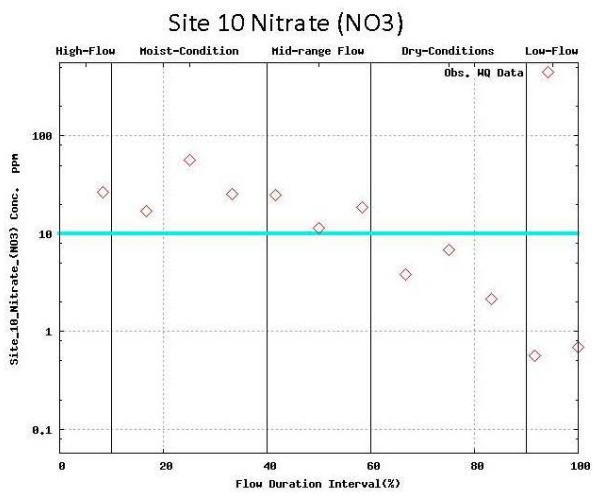


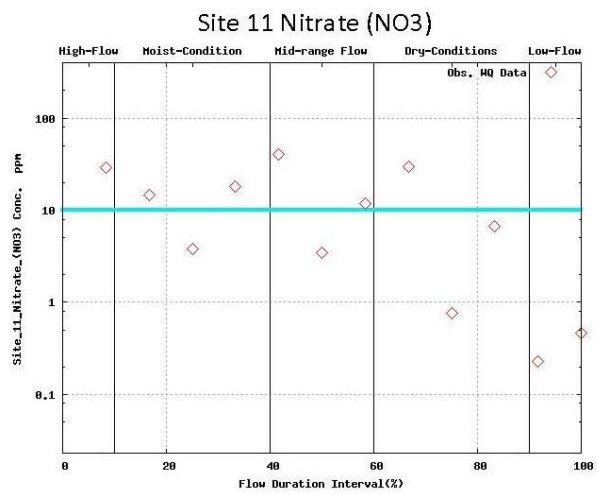




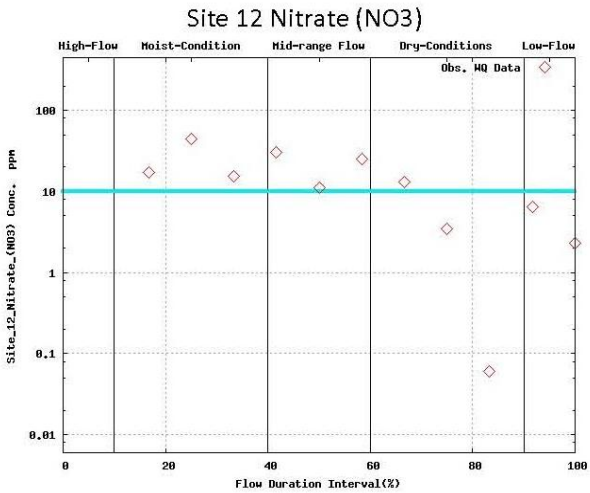


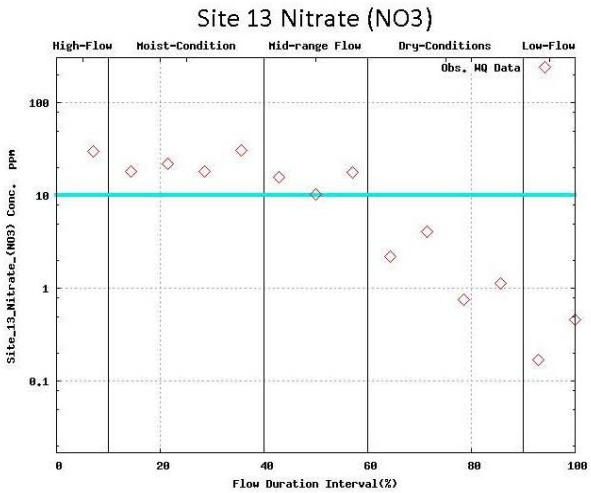


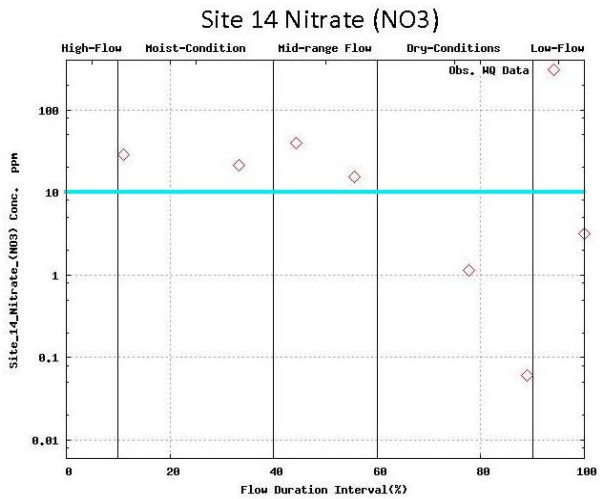


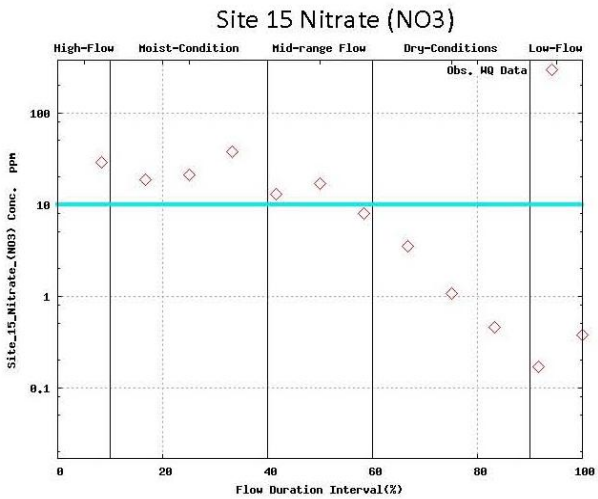


***No charts for Site 8 due to not being able to measure flow.**


Site 12 Nitrate (NO3)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_12_Nitrate_(NO3) Conc. ppm
100
10
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

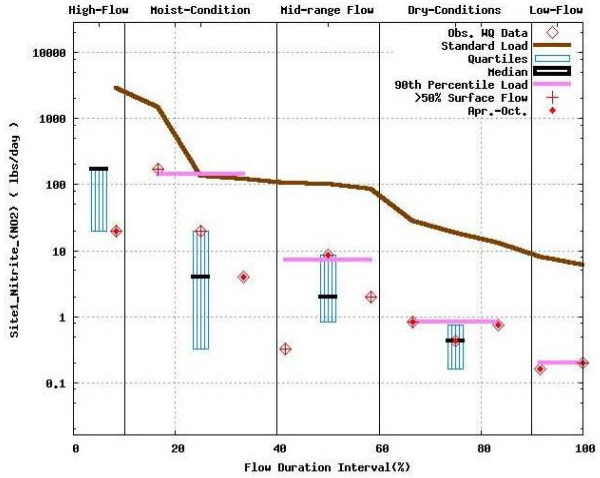

Site 13 Nitrate (NO3)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_13_Nitrate_(NO3) Conc. ppm
100
10
1
0.1
0
20
40
60
80
100
Flow Duration Interval(%)


Site 14 Nitrate (NO3)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_14_Nitrate_(NO3) Conc. ppm
100
10
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

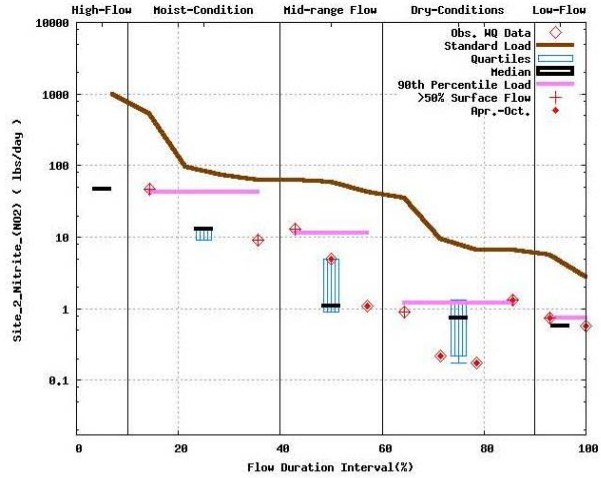

Site 15 Nitrate (NO3)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_15_Nitrate_(NO3) Conc. ppm
100
10
1
0.1
0
20
40
60
80
100
Flow Duration Interval(%)

Nitrite Load Duration Curve Charts

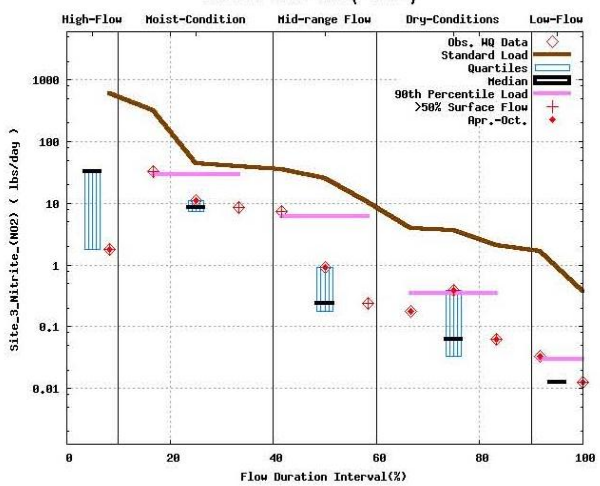
Site 1 Nitrite (NO2)



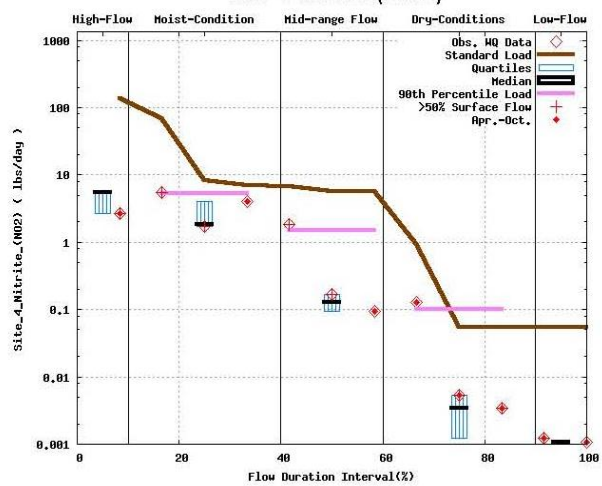
Site 2 Nitrite (NO2)



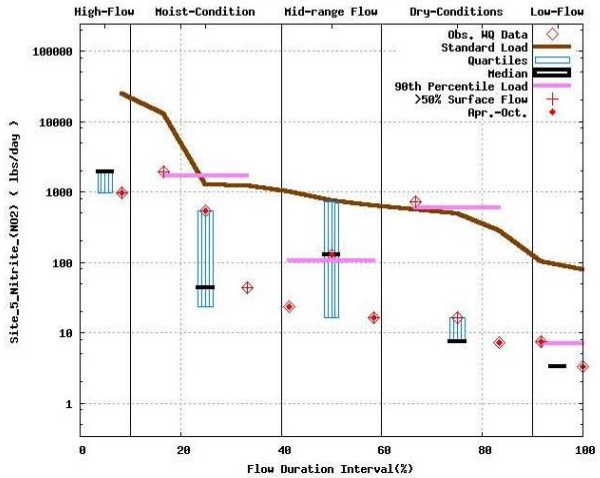
Site 3 Nitrite (NO2)



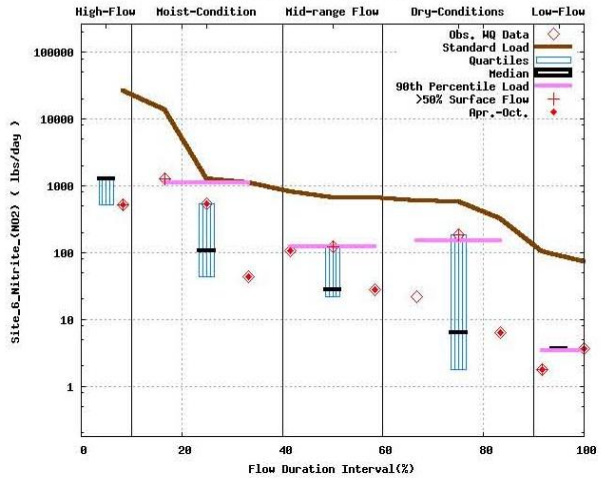
Site 4 Nitrite (NO2)

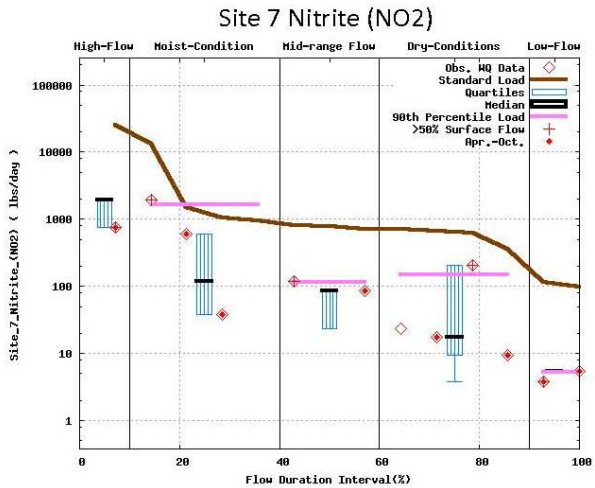


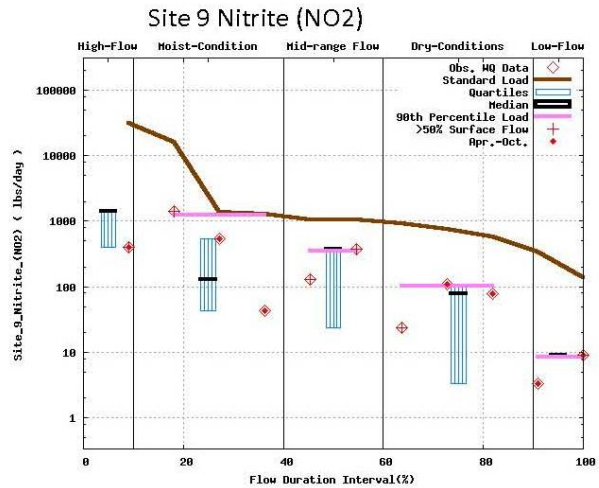
Site 5 Nitrite (NO2)

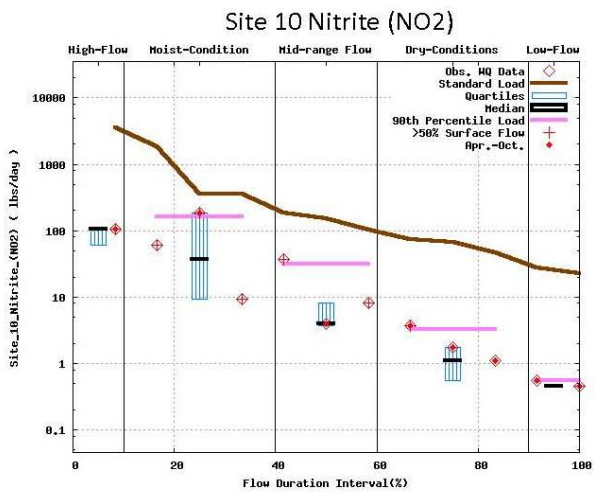


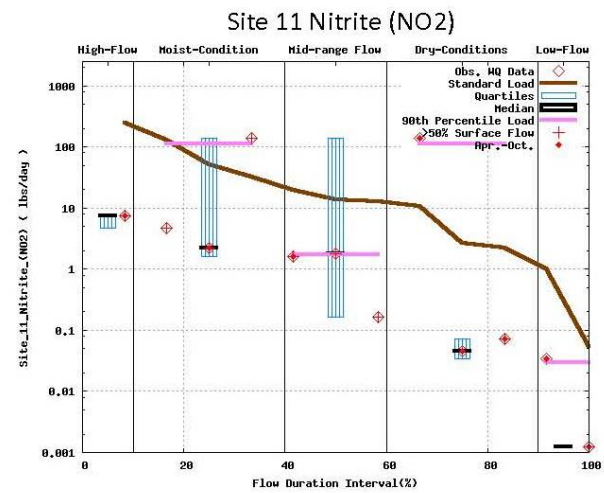
Site 6 Nitrite (NO2)

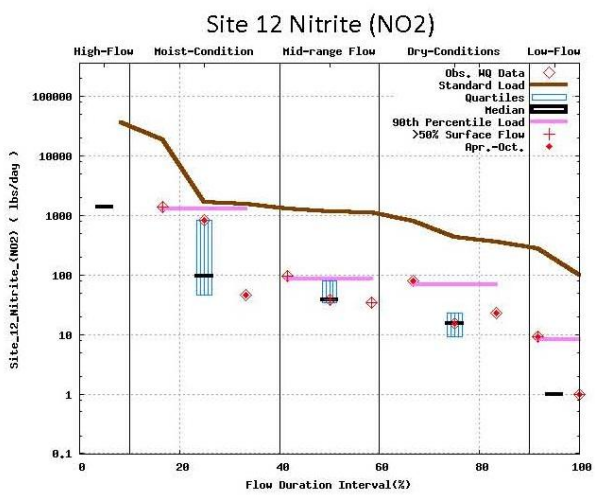


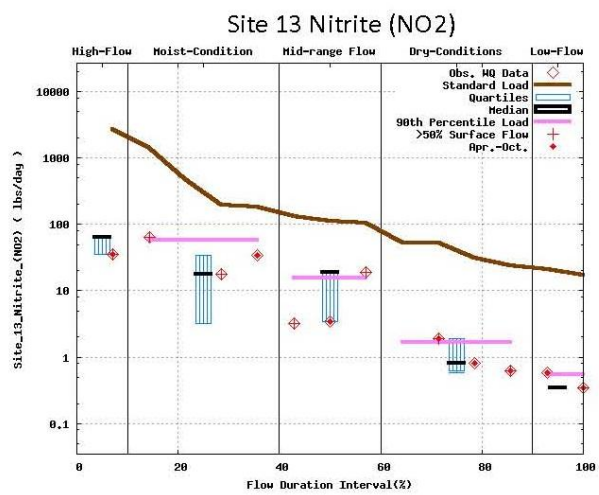




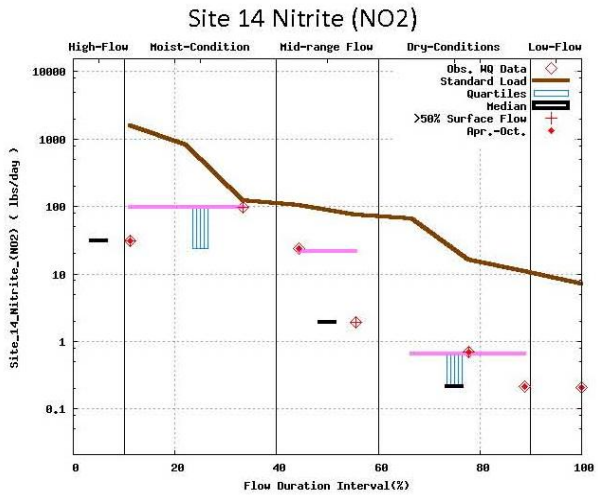


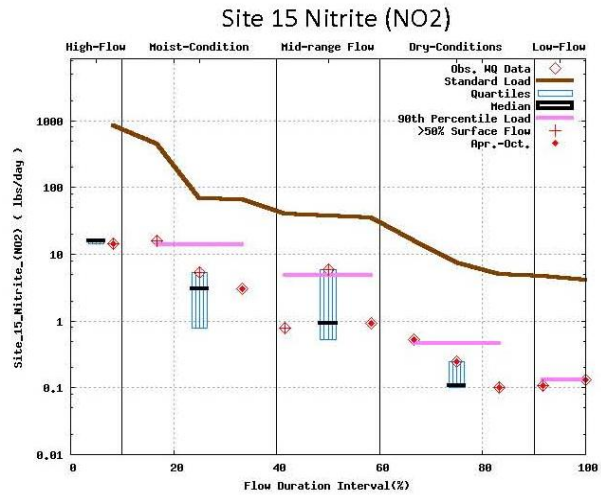




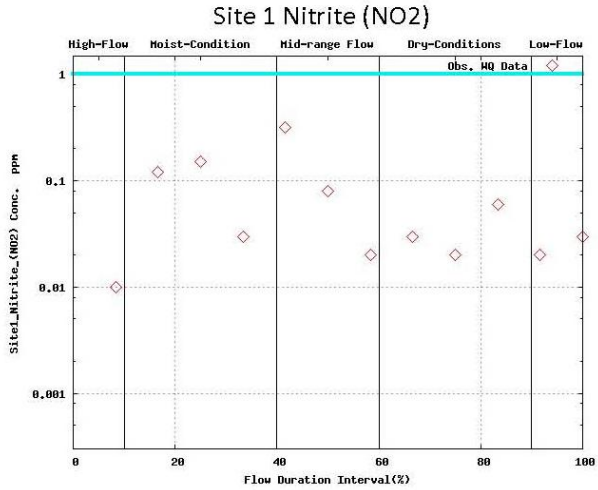


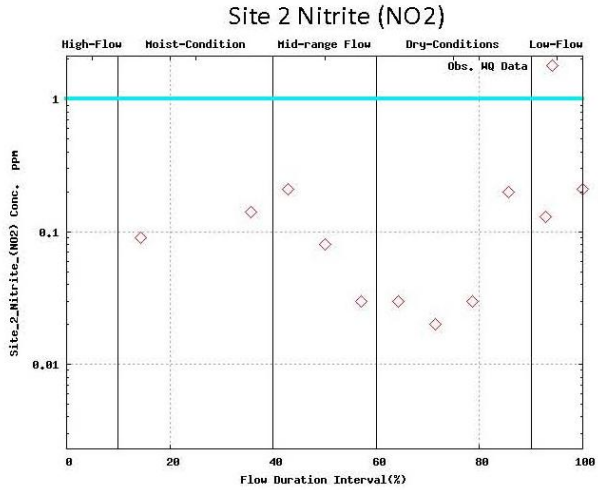
***No charts for Site 8 due to not being able to measure flow.**

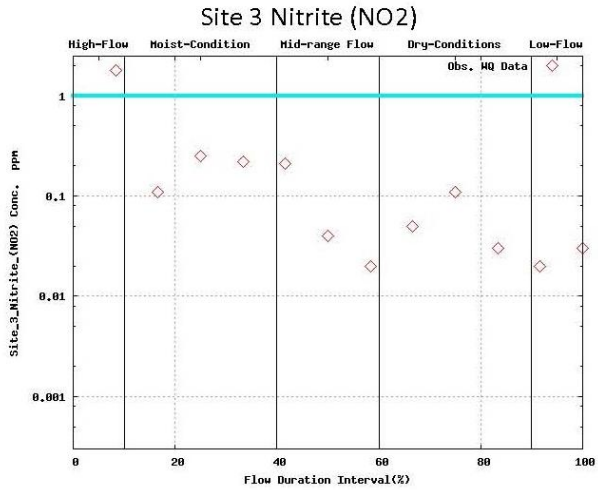


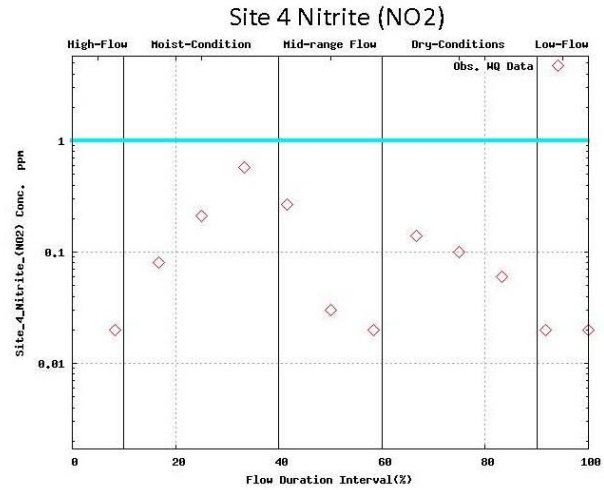


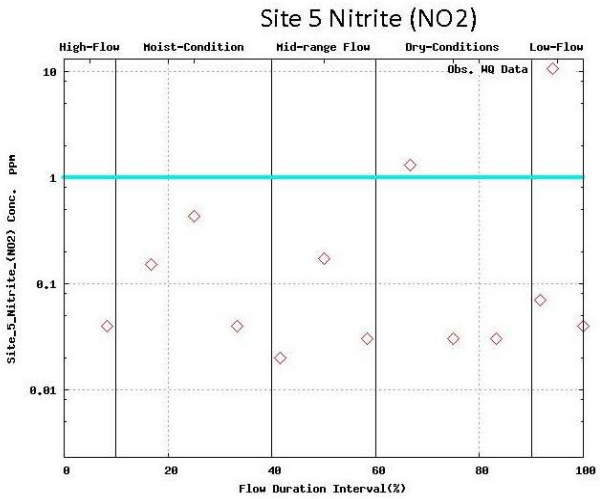
Nitrite Target Concentration Charts

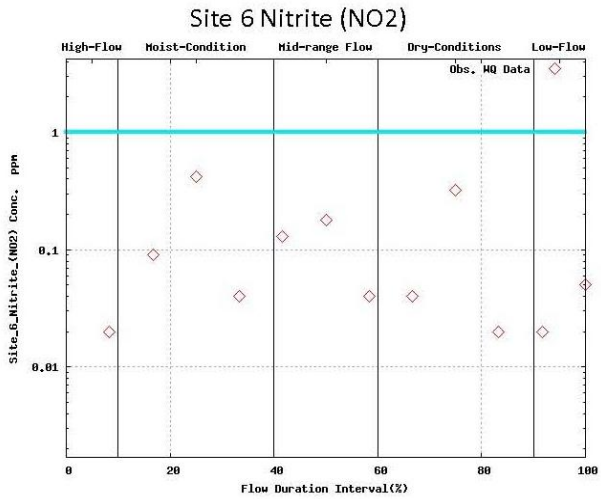


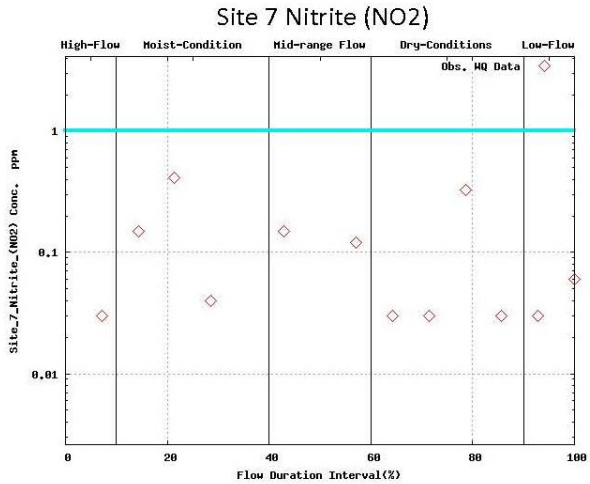


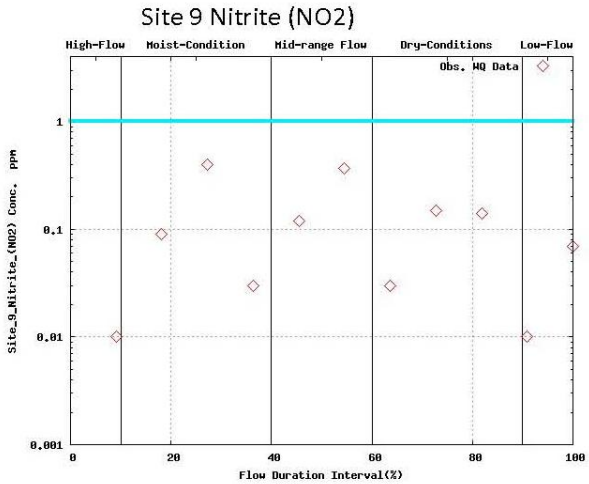


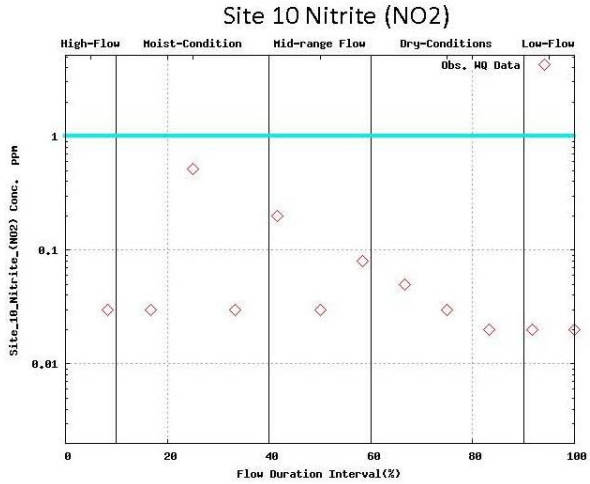


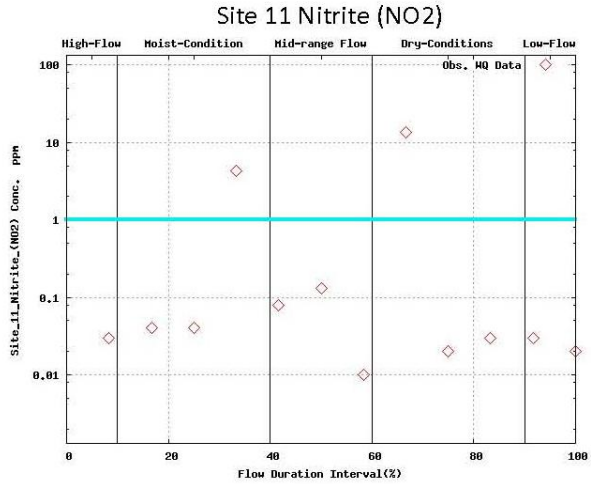




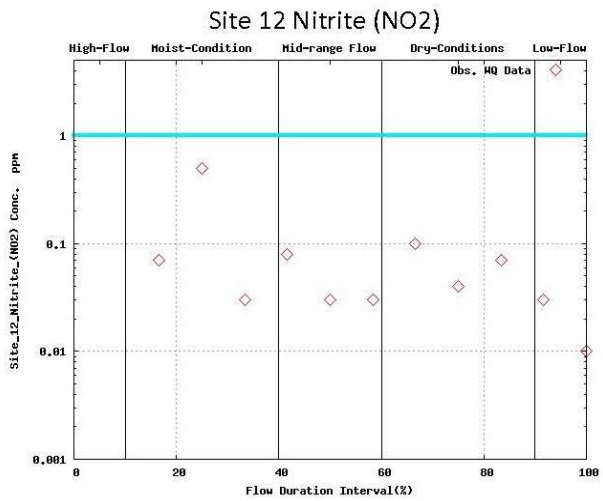


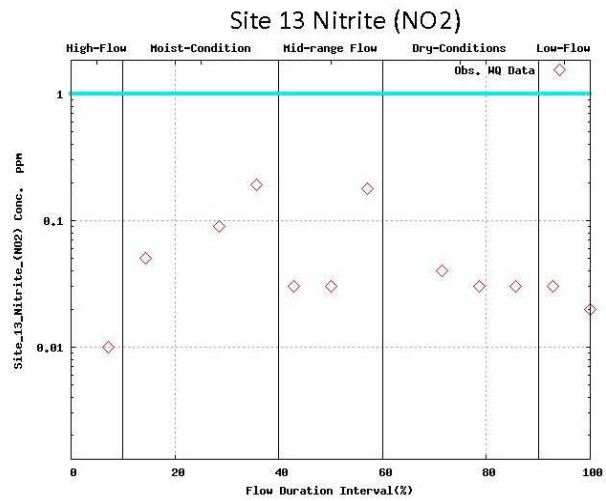


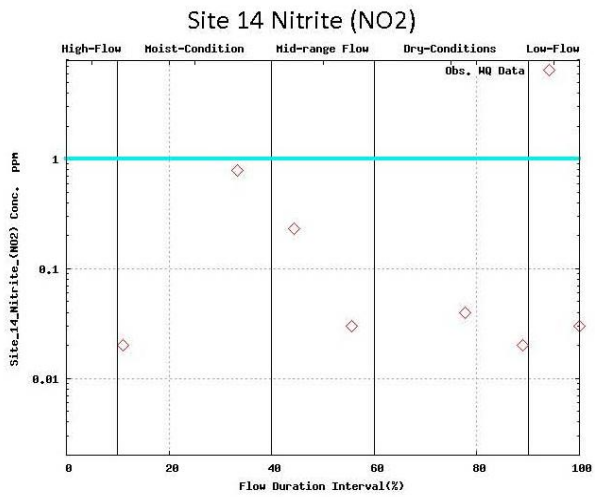


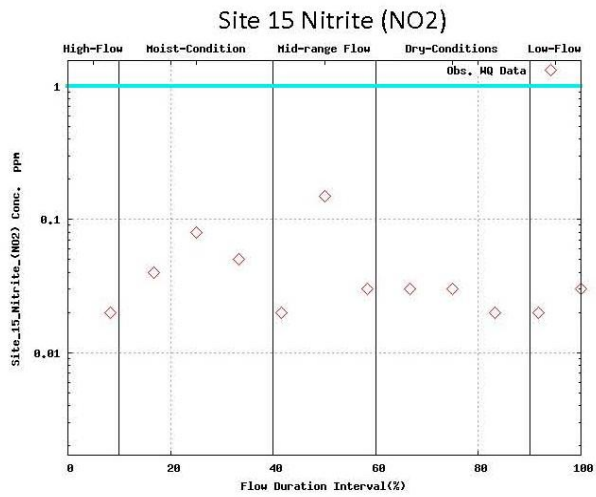


***No charts for Site 8 due to not being able to measure flow.**

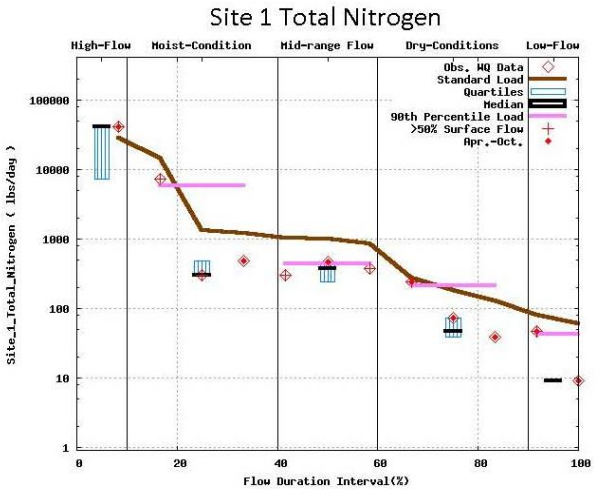

Site 12 Nitrite (NO2)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_12_Nitrite_(NO2) Conc. ppm
1
0.1
0.01
0.001
0
20
40
60
80
100
Flow Duration Interval(%)

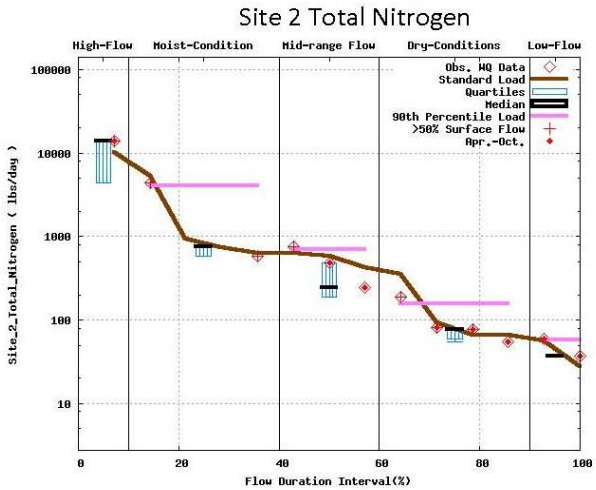

Site 13 Nitrite (NO2)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_13_Nitrite_(NO2) Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

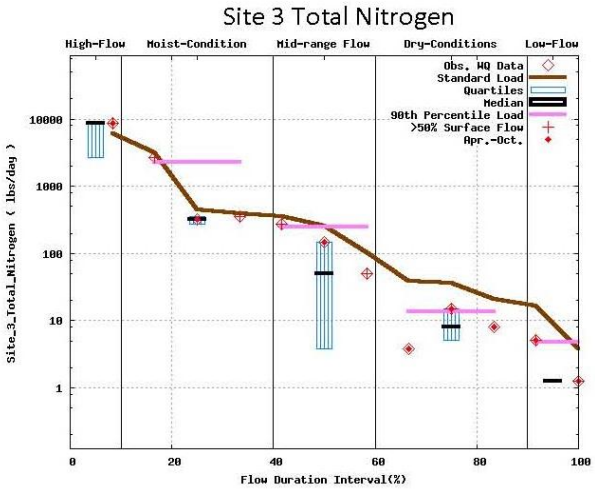

Site 14 Nitrite (NO2)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_14_Nitrite_(NO2) Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

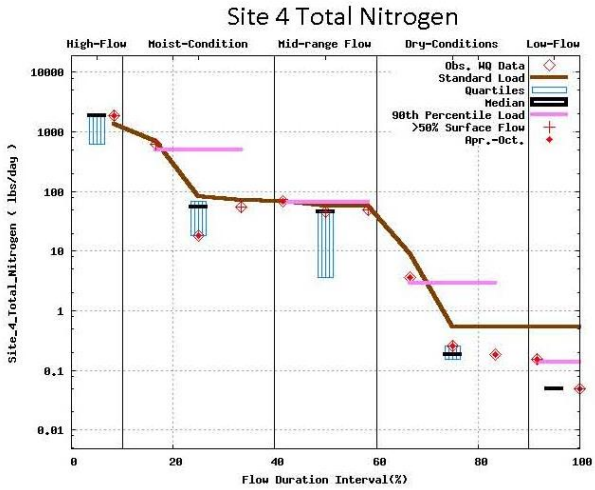

Site 15 Nitrite (NO2)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_15_Nitrite_(NO2) Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

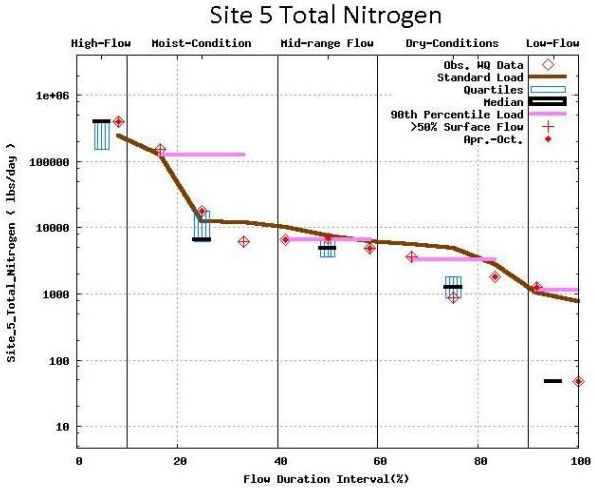
Total Nitrogen Load Duration Curve Charts

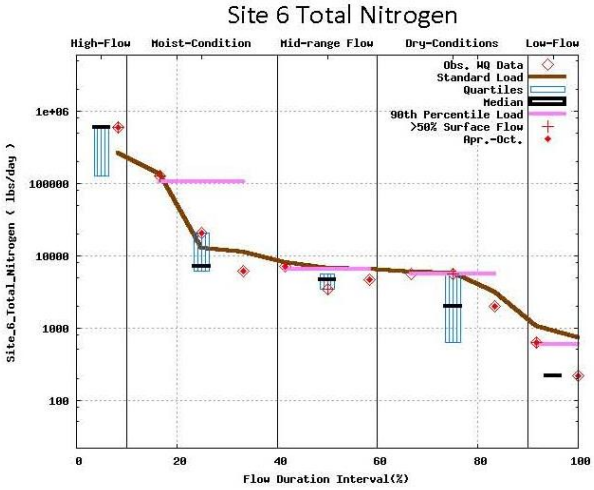


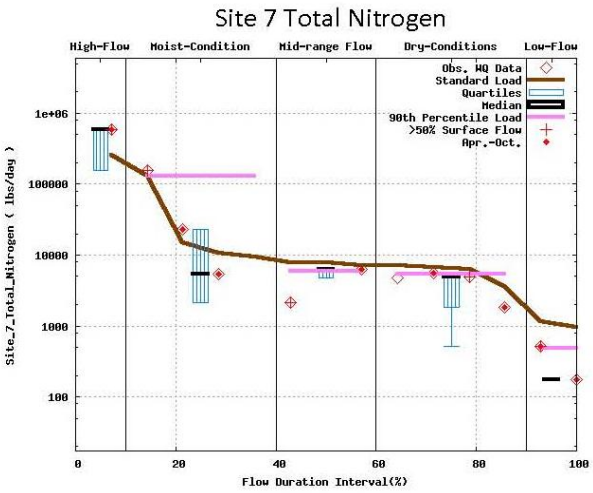


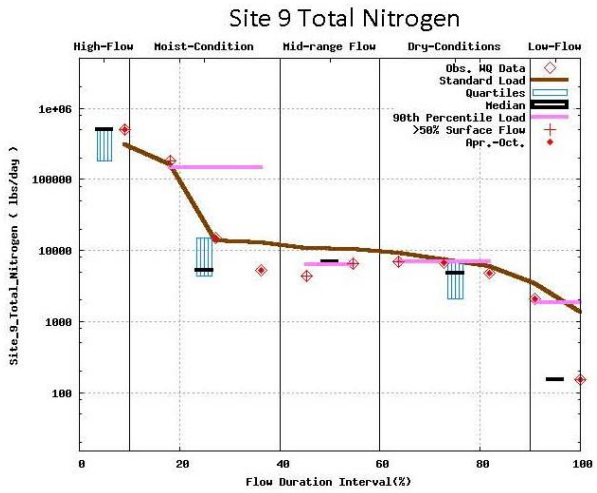


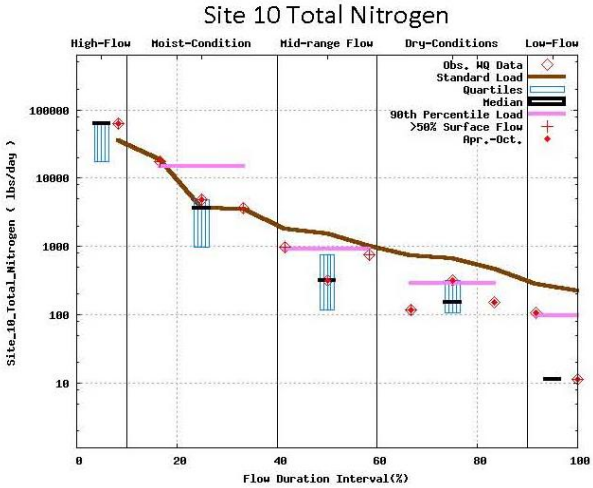


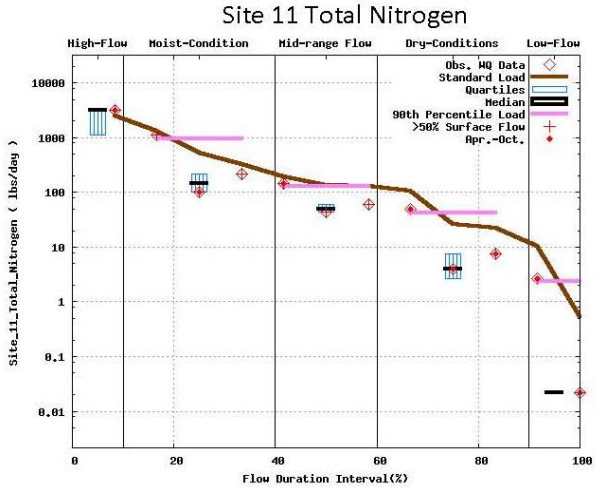


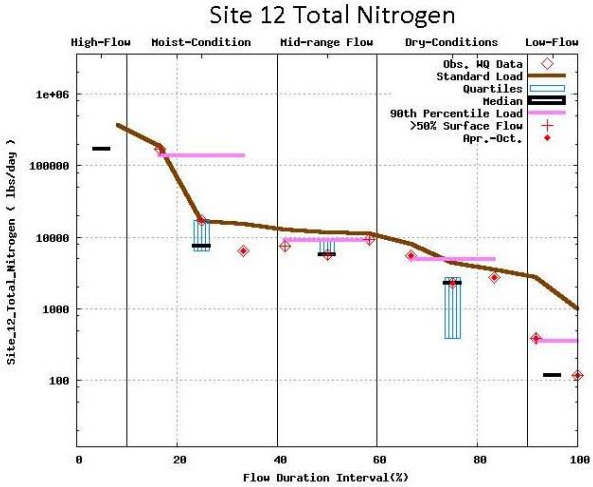


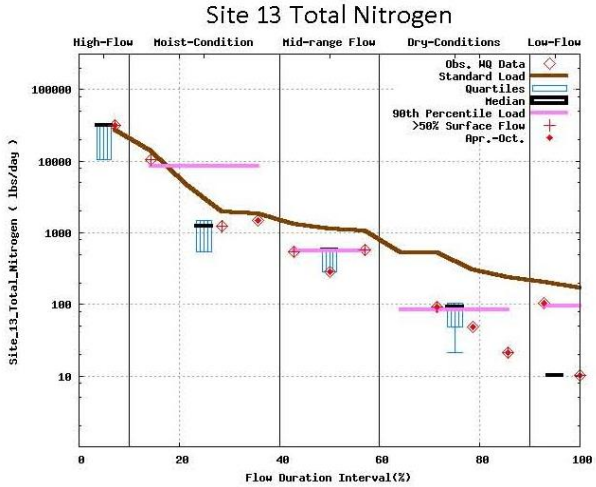




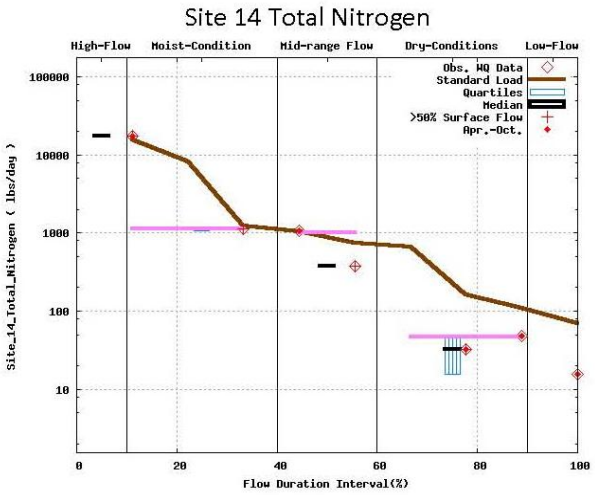


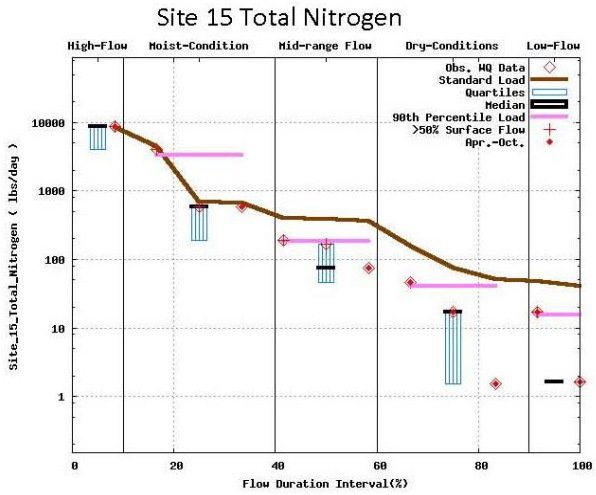




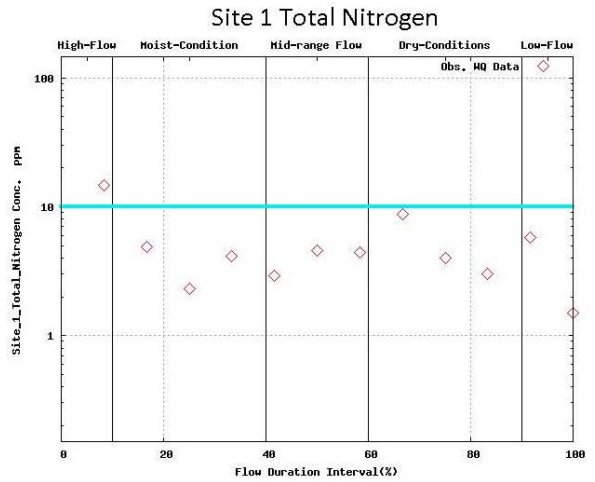


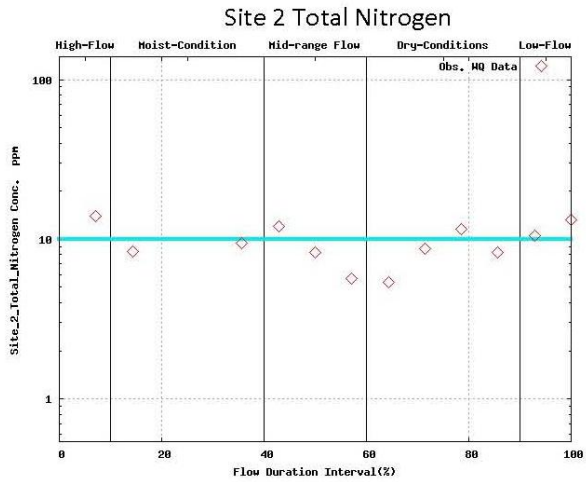
***No charts for Site 8 due to not being able to measure flow.**

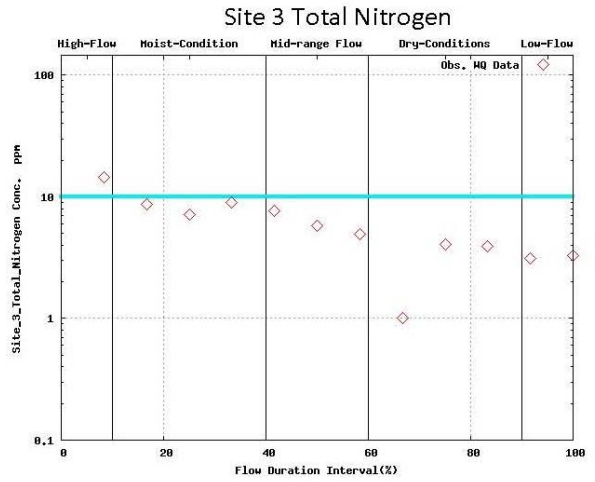


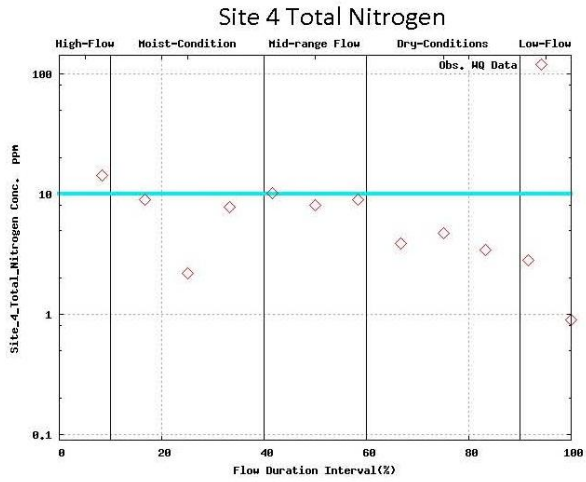


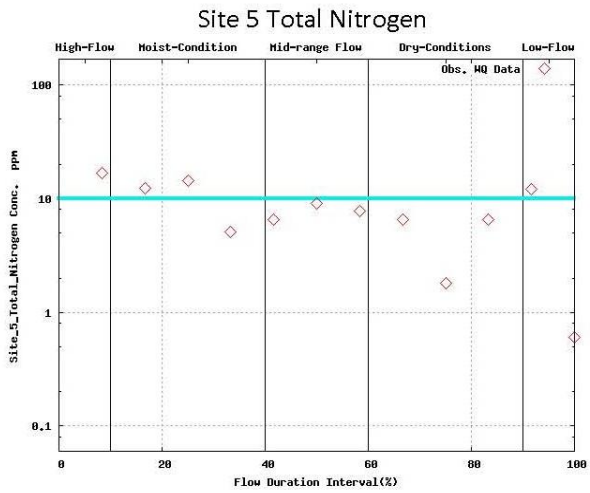
Total Nitrogen Target Concentration Charts

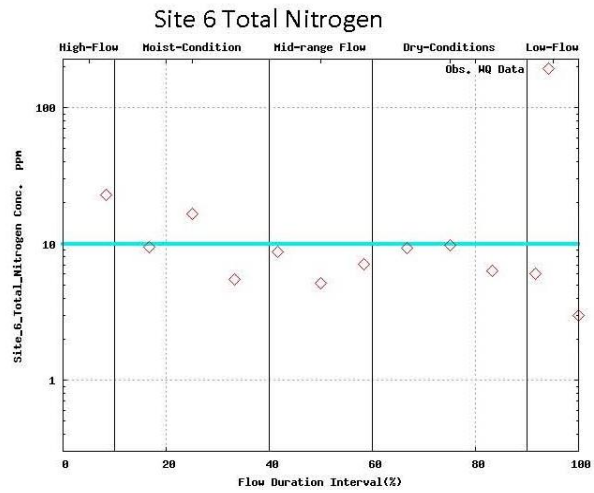


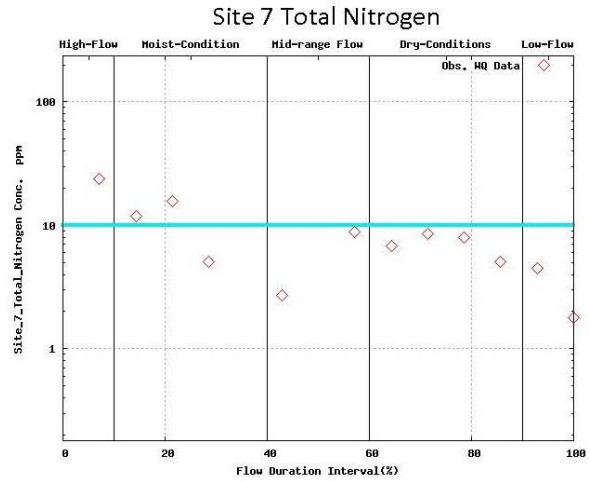


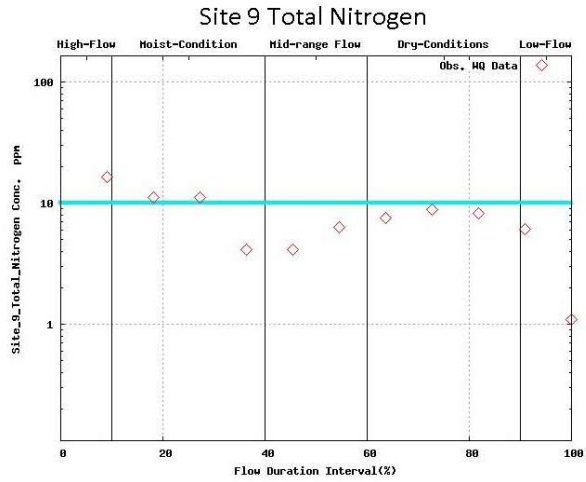


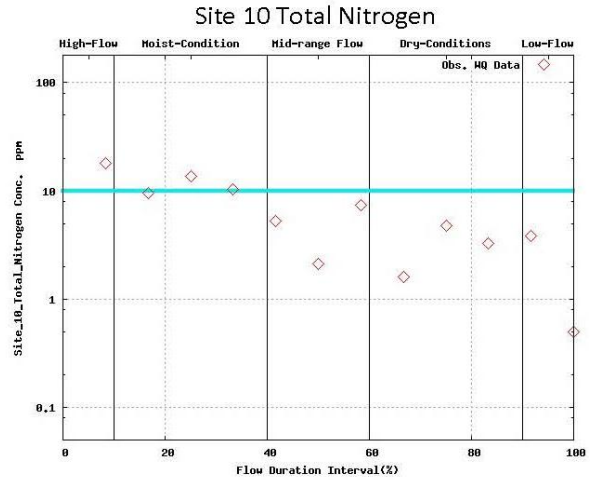


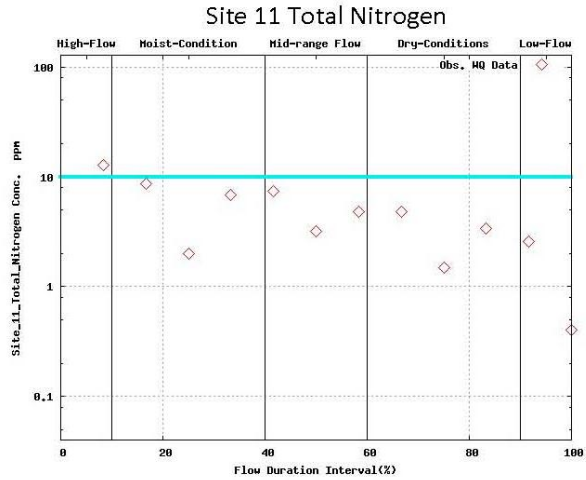




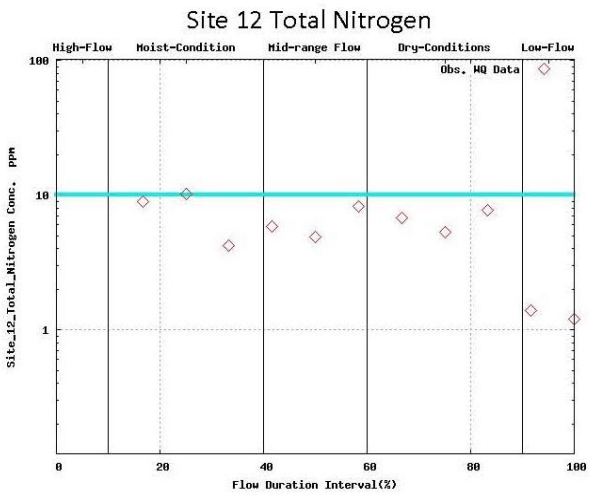


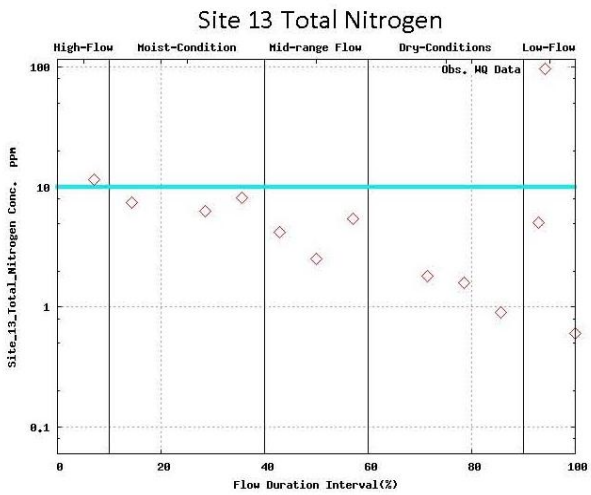


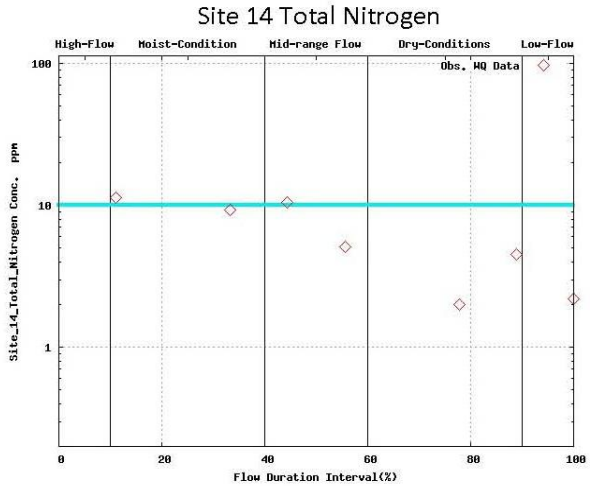


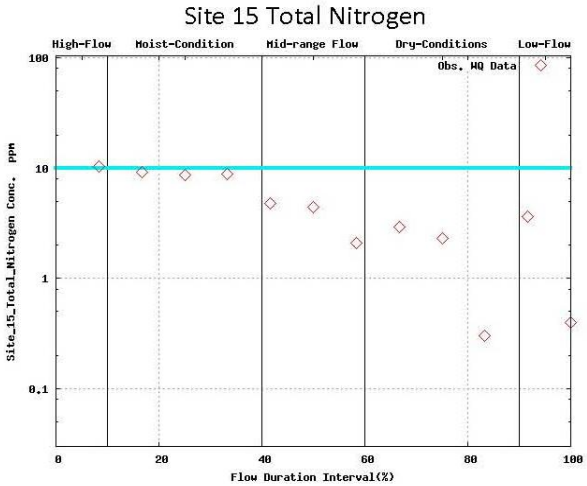


***No charts for Site 8 due to not being able to measure flow.**

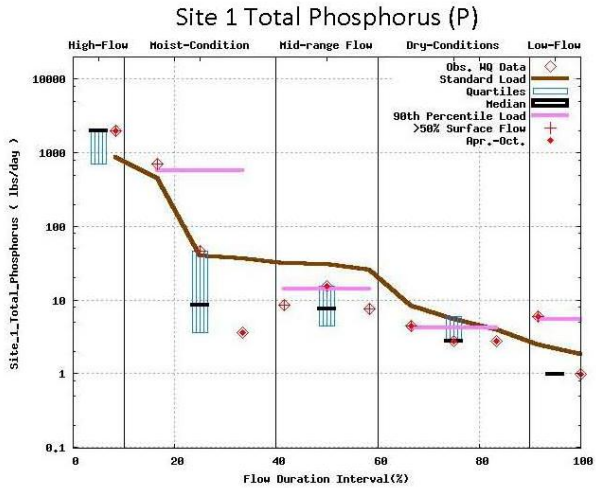

Site 12 Total Nitrogen
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_12_Total_Nitrogen Conc. ppm
100
10
1
0
20
40
60
80
100
Flow Duration Interval(%)

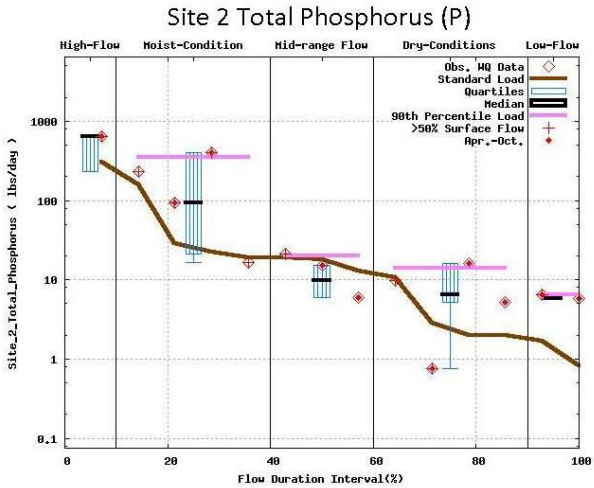

Site 13 Total Nitrogen
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_13_Total_Nitrogen Conc. ppm
100
10
1
0.1
0
20
40
60
80
100
Flow Duration Interval(%)

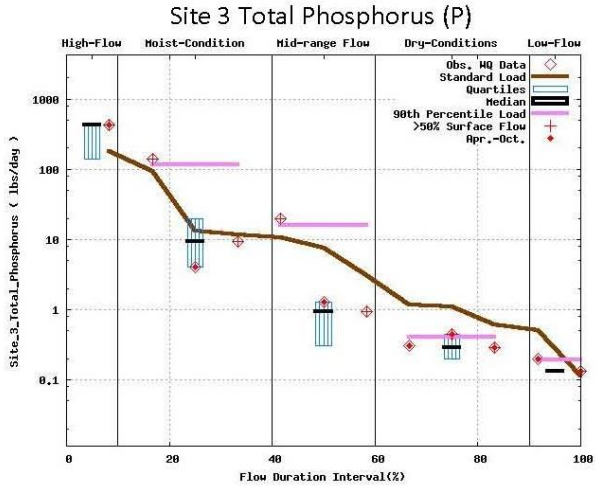

Site 14 Total Nitrogen
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_14_Total_Nitrogen Conc. ppm
100
10
1
0
20
40
60
80
100
Flow Duration Interval(%)

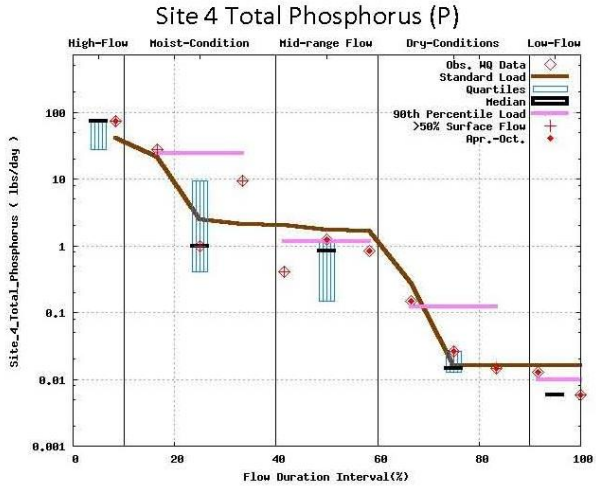

Site 15 Total Nitrogen
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_15_Total_Nitrogen Conc. ppm
100
10
1
0.1
0
20
40
60
80
100
Flow Duration Interval(%)

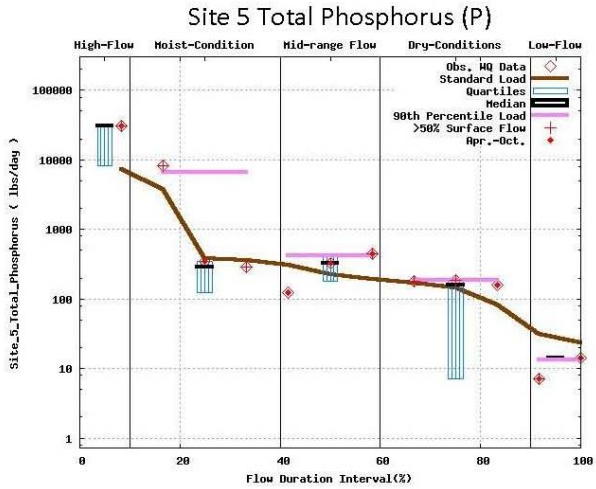
Total Phosphorus Load Duration Curve Charts

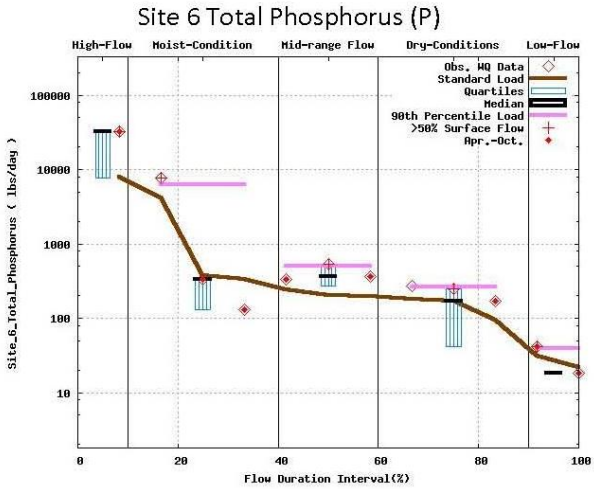


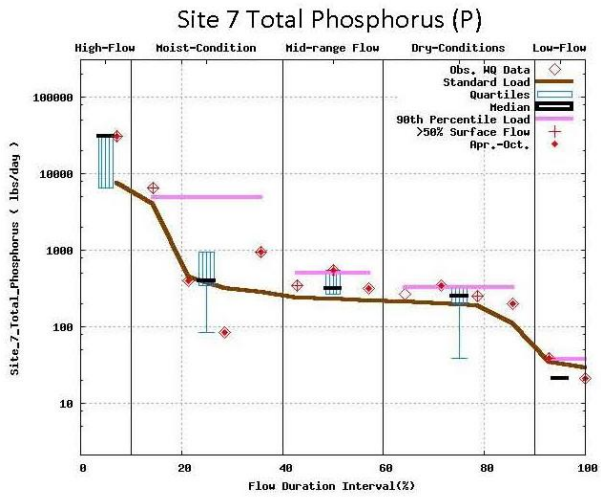


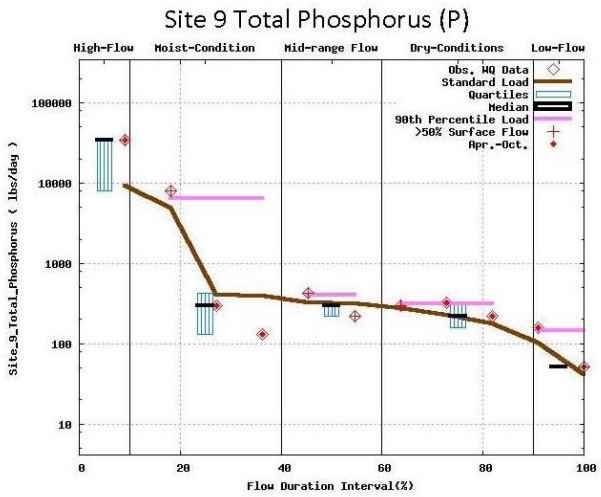


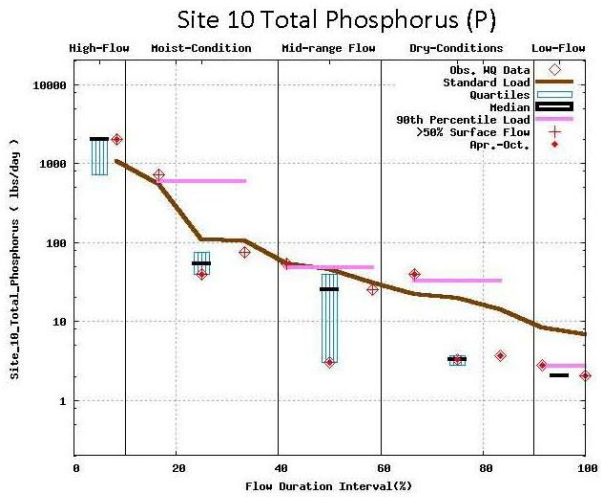


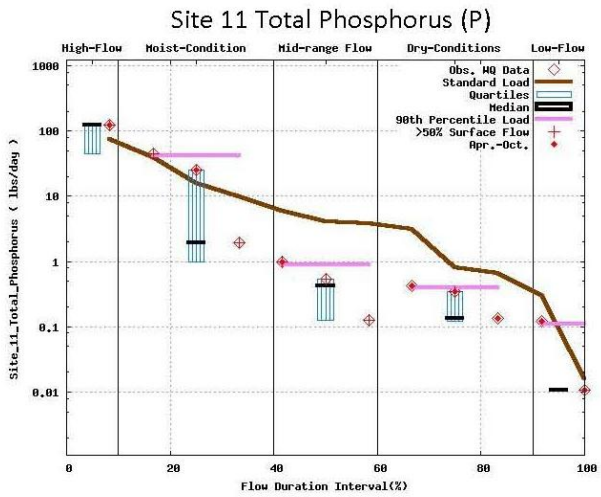


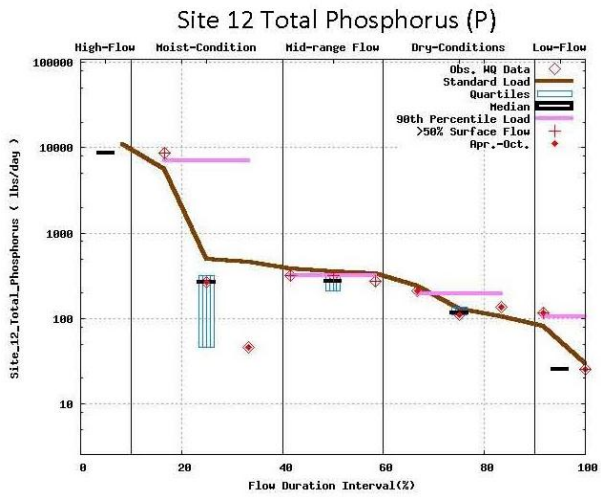


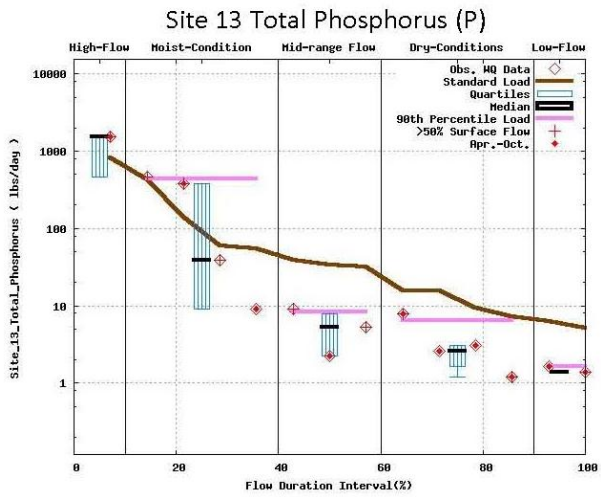




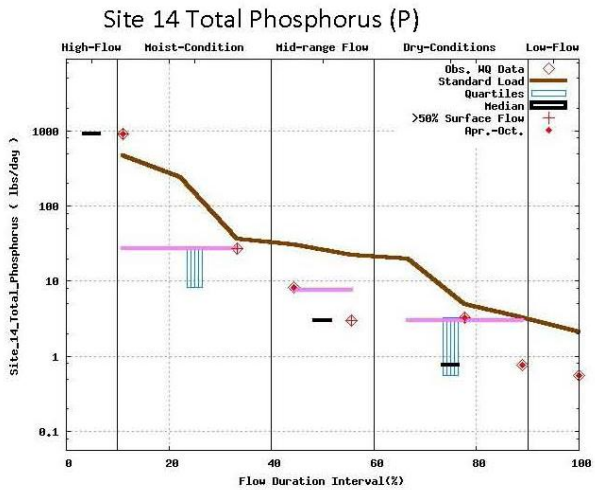


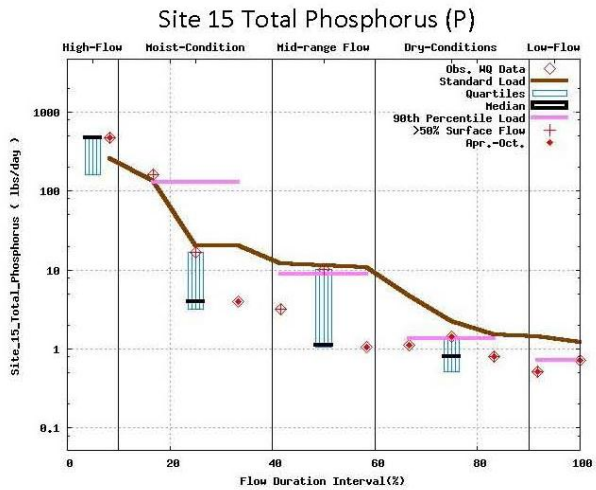




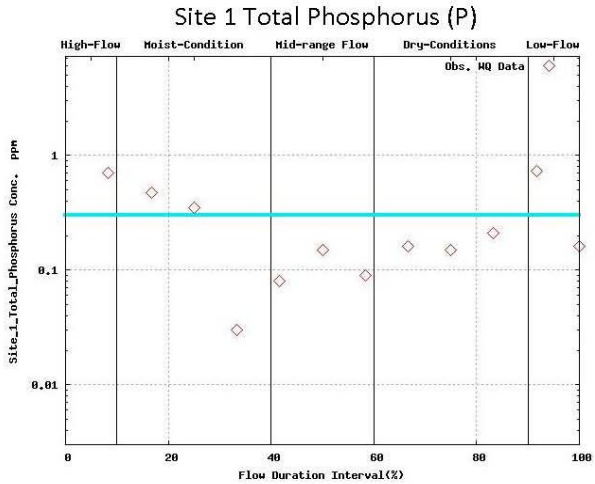


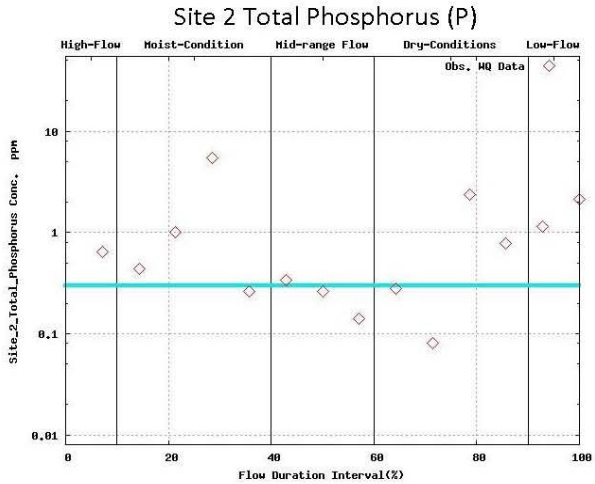
***No charts for Site 8 due to not being able to measure flow.**

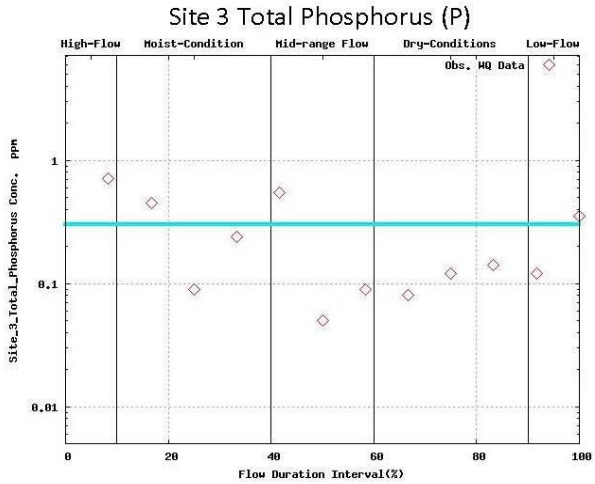


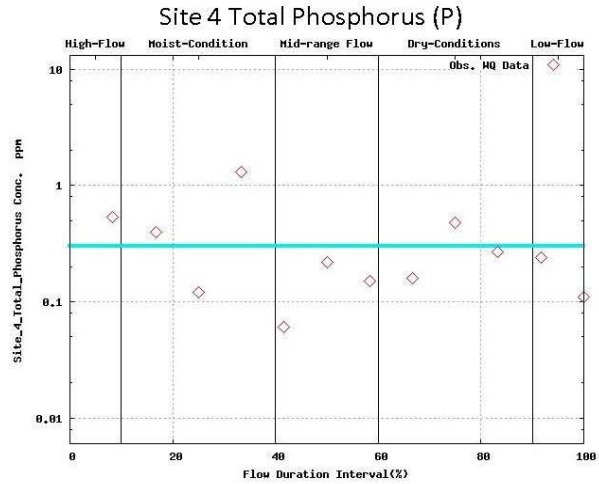


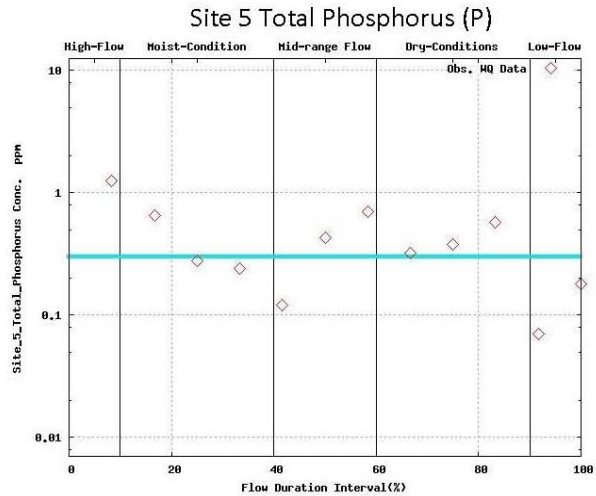
Total Phosphorus Target Concentration Charts

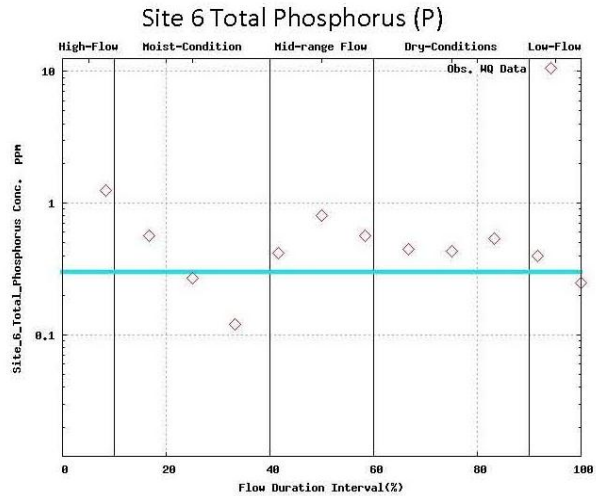


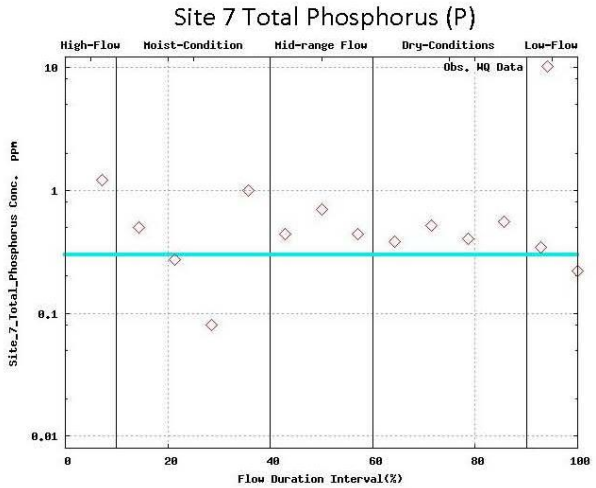


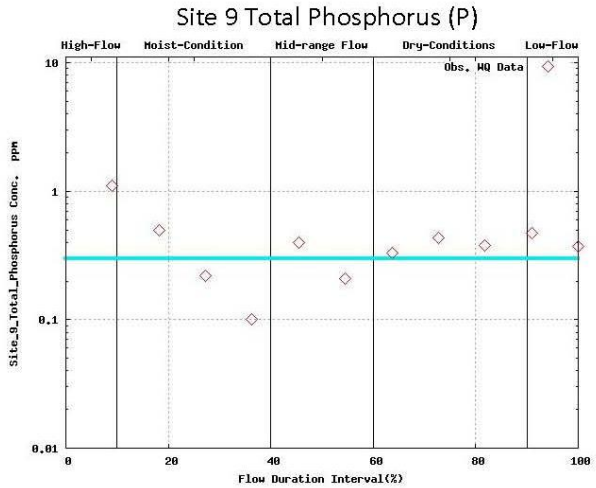


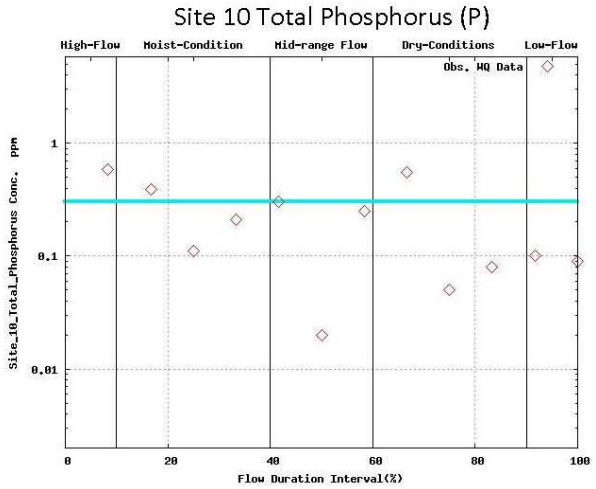


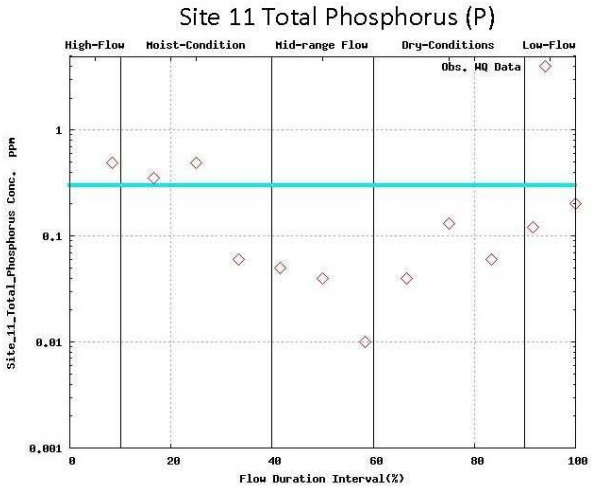




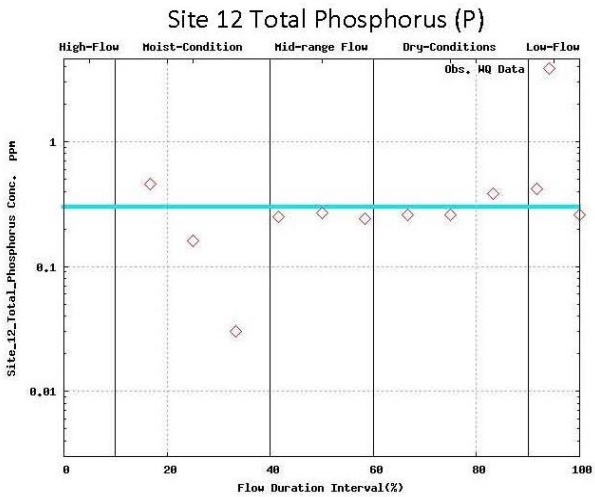


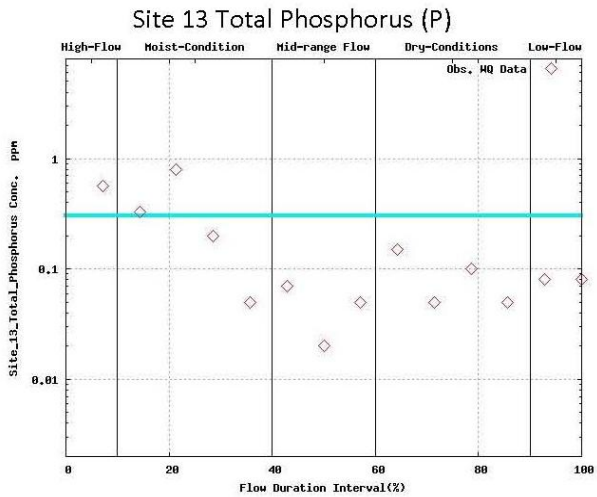


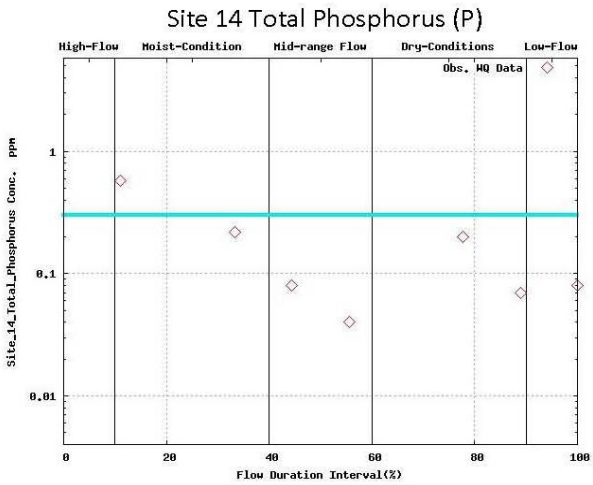


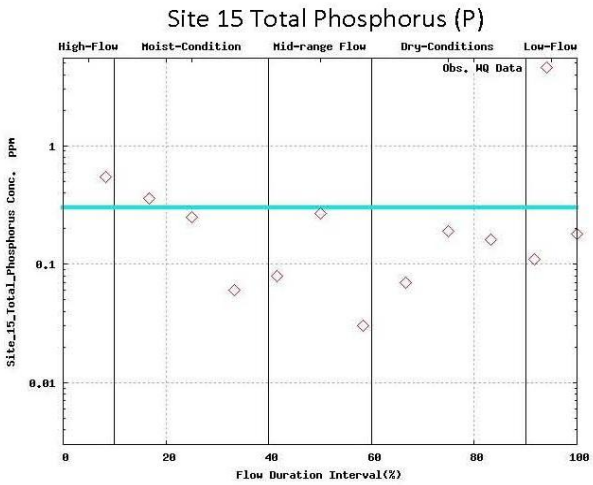


***No charts for Site 8 due to not being able to measure flow.**

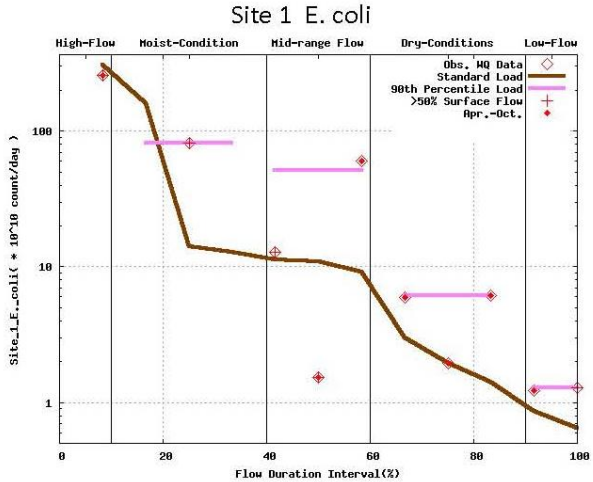

Site 12 Total Phosphorus (P)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_12_Total_Phosphorus Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

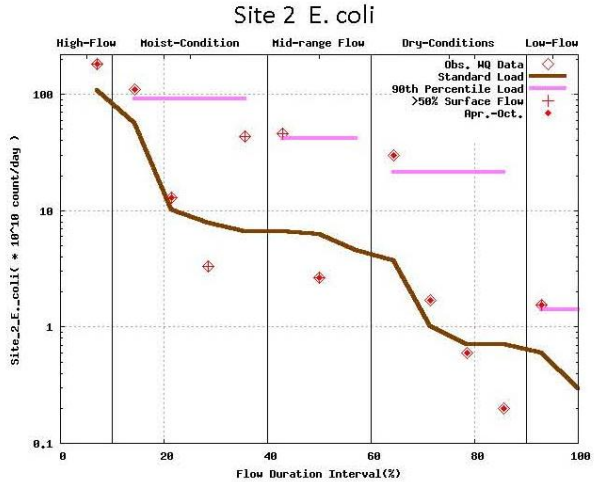

Site 13 Total Phosphorus (P)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_13_Total_Phosphorus Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

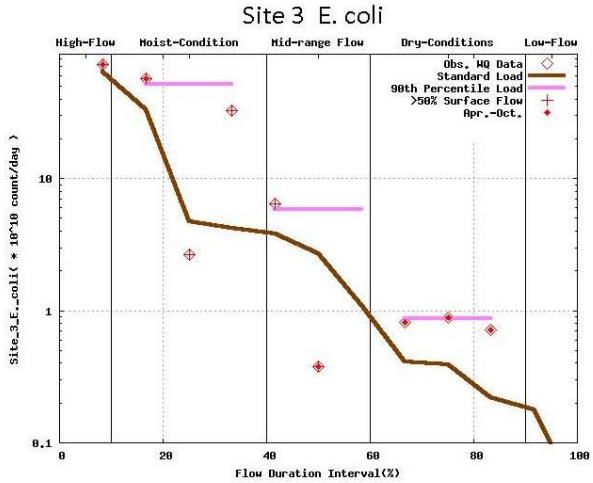

Site 14 Total Phosphorus (P)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_14_Total_Phosphorus Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

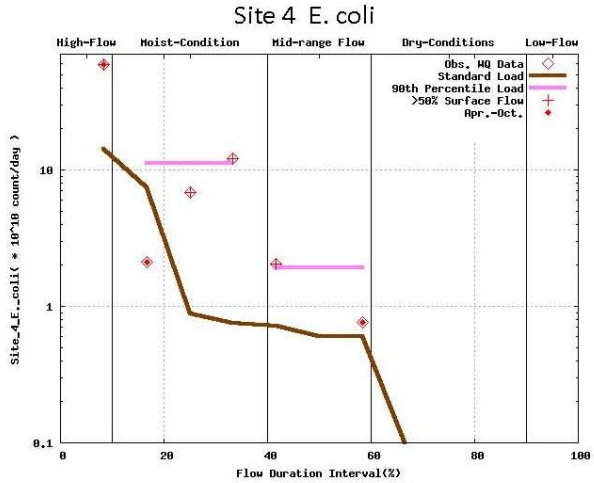

Site 15 Total Phosphorus (P)
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_15_Total_Phosphorus Conc. ppm
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)

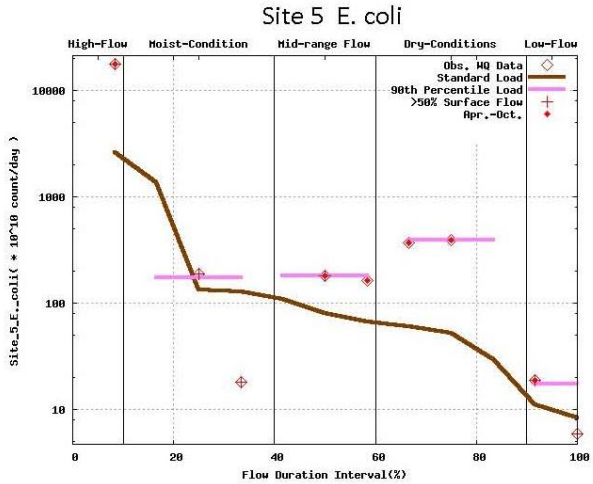
***E. Coli* Load Duration Curve Charts**

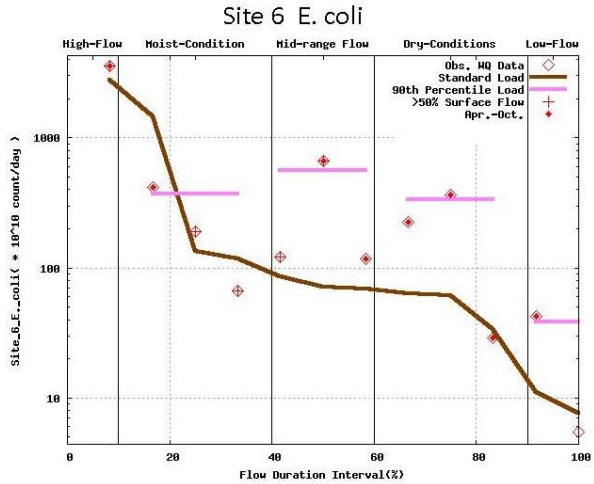


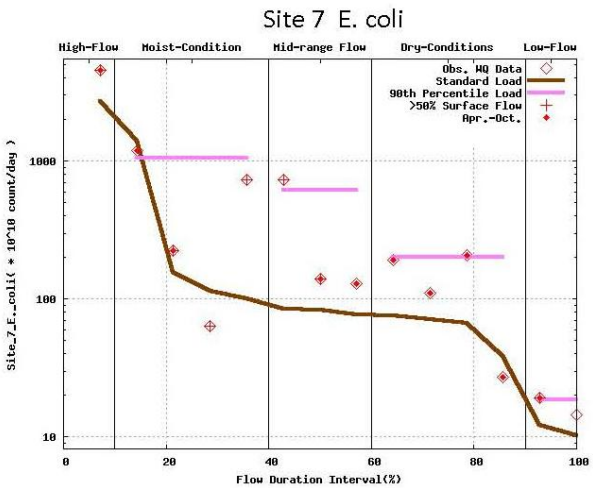


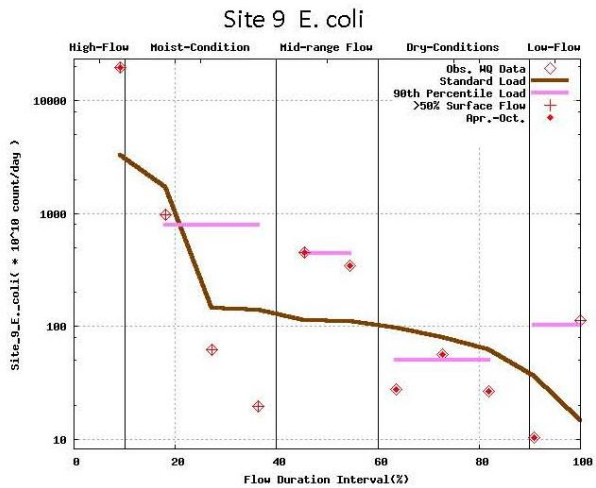


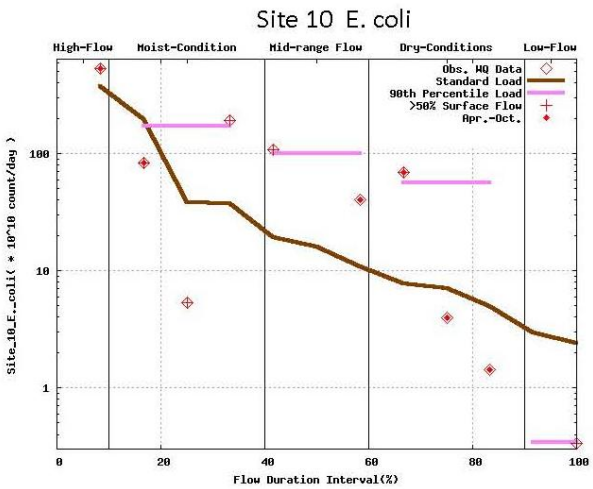


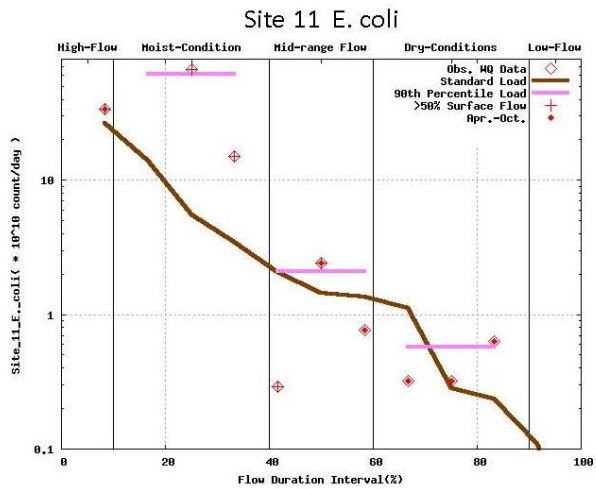


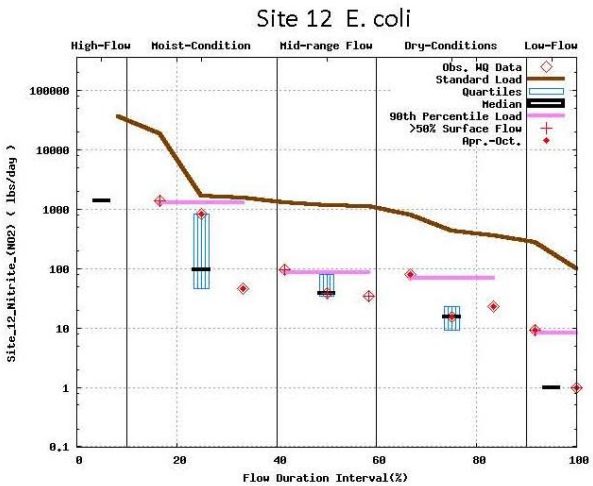


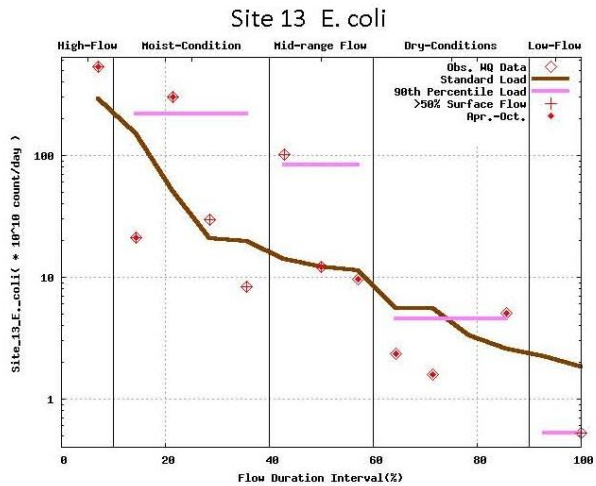




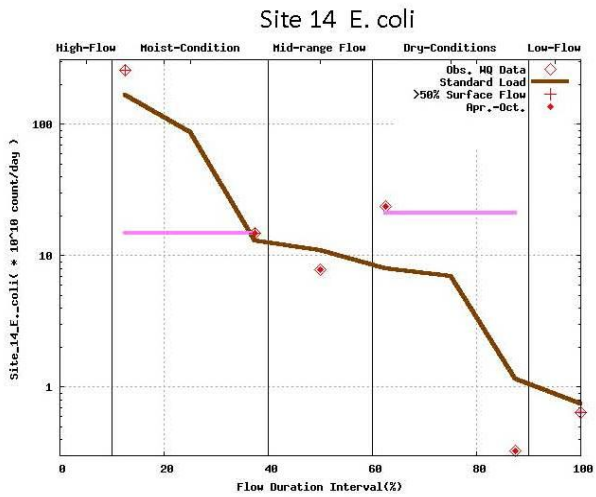


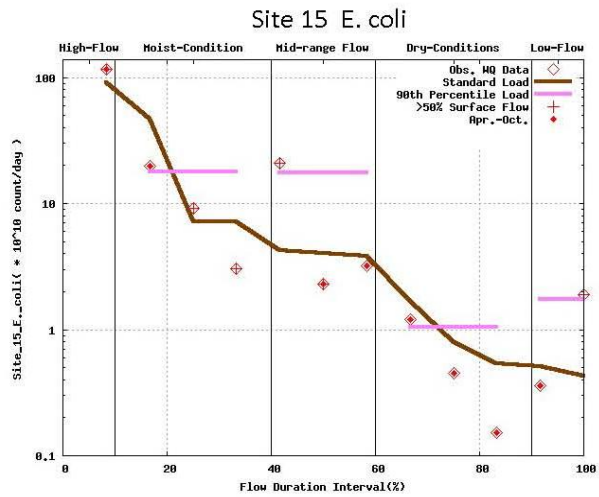




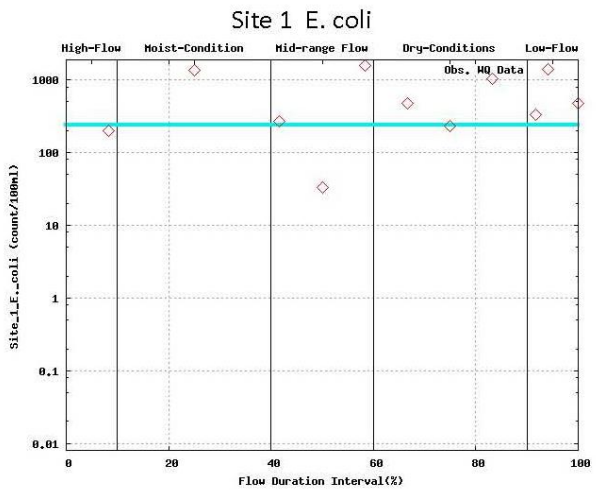


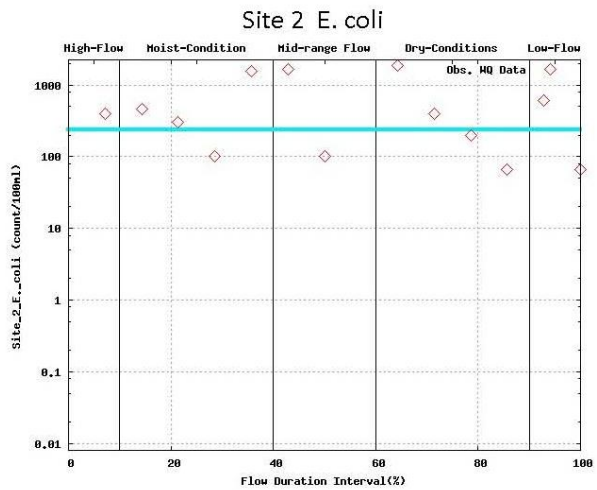
***No charts for Site 8 due to not being able to measure flow.**

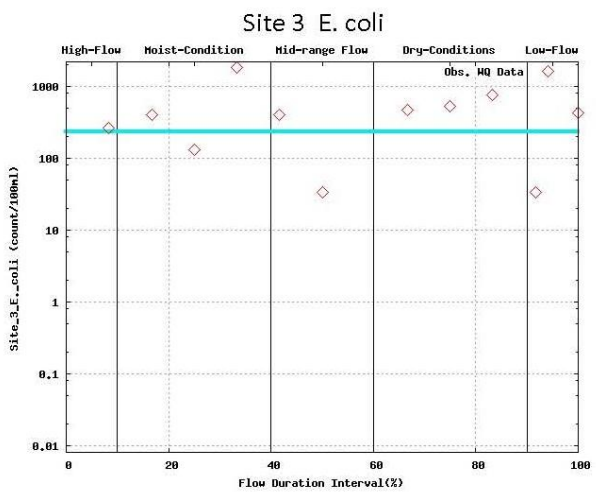


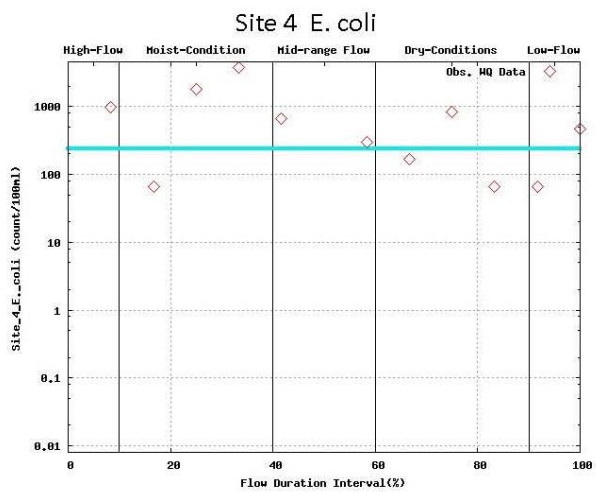


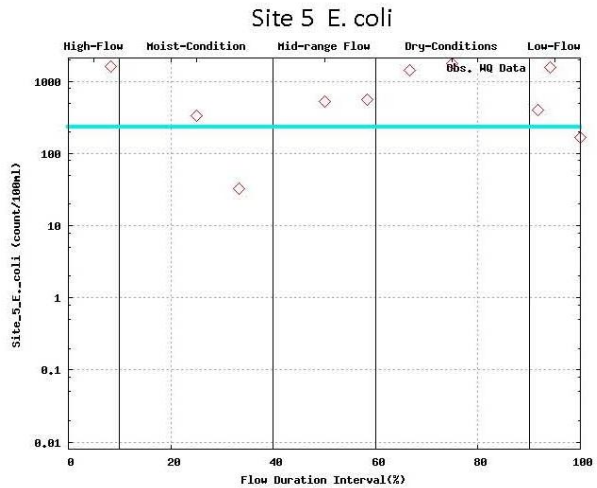
***E. Coli* Target Concentration Charts**

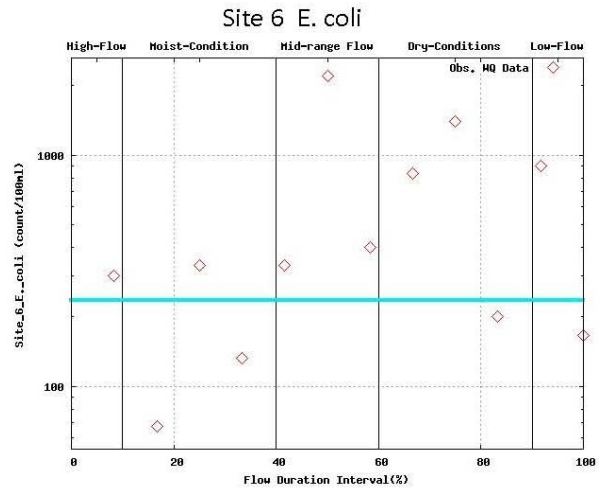


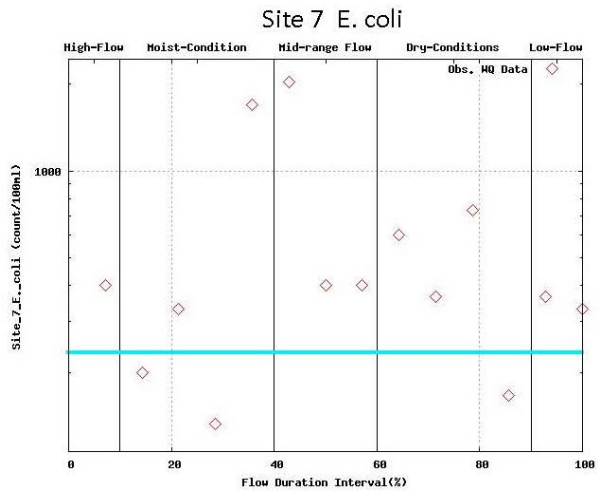


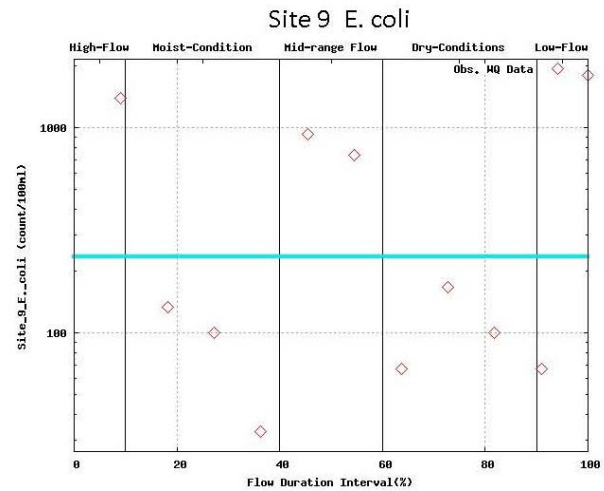


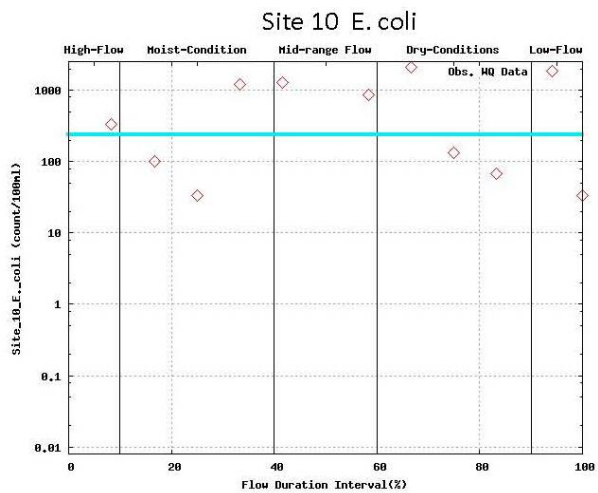


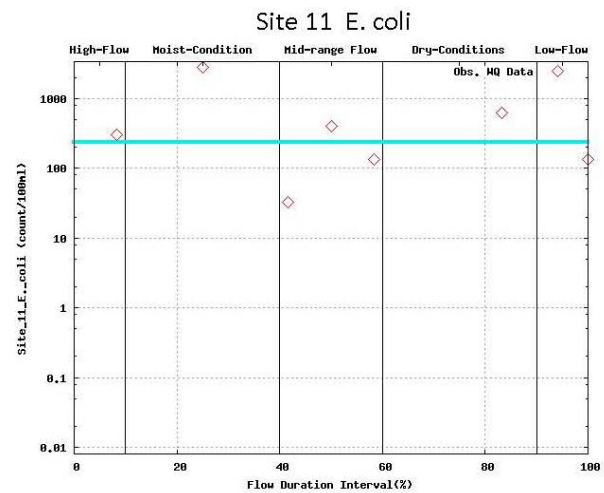




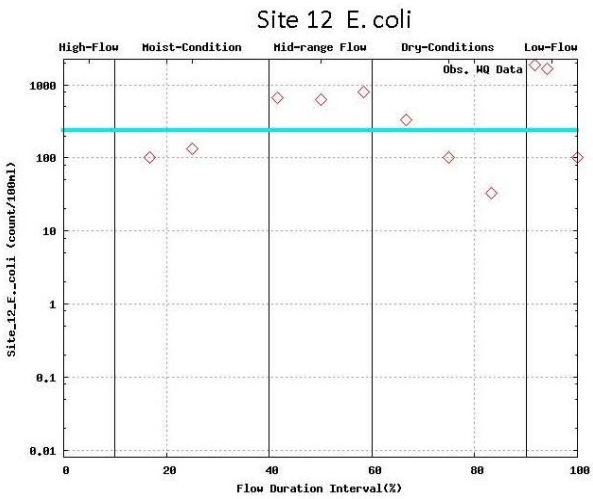


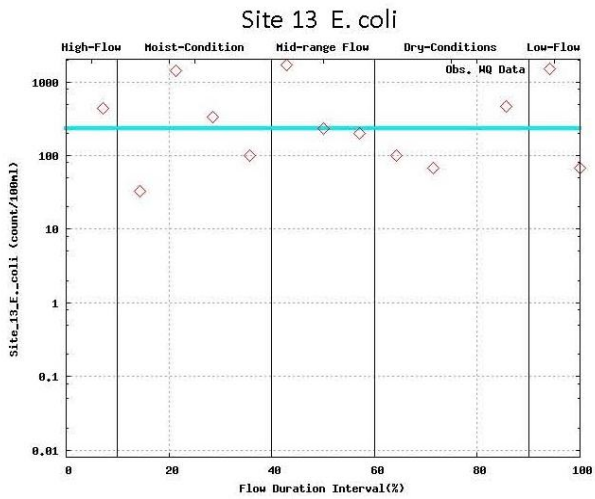


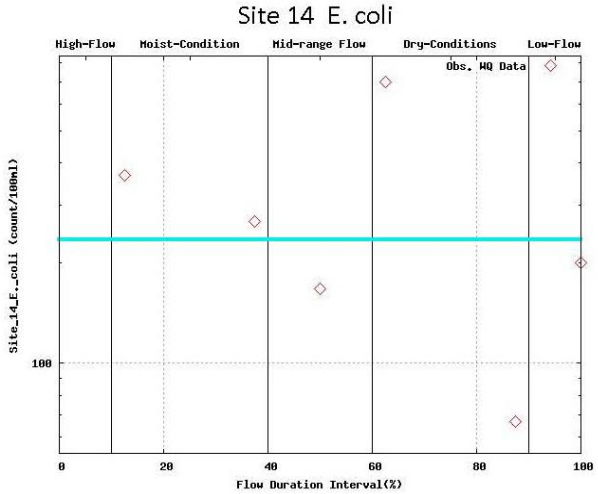


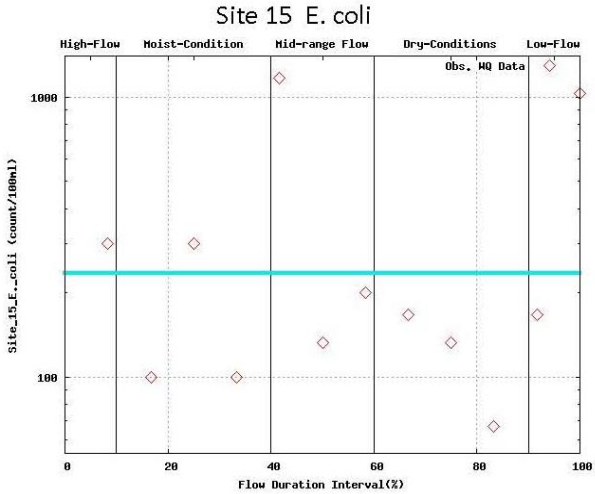


***No charts for Site 8 due to not being able to measure flow.**


Site 12 E. coli
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_12_E._coli (count/100ml)
1000
100
10
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)


Site 13 E. coli
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_13_E._coli (count/100ml)
1000
100
10
1
0.1
0.01
0
20
40
60
80
100
Flow Duration Interval(%)


Site 14 E. coli
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_14_E._coli (count/100ml)
100
0
20
40
60
80
100
Flow Duration Interval(%)


Site 15 E. coli
High-Flow
Moist-Condition
Mid-range Flow
Dry-Conditions
Low-Flow
Obs. WQ Data
Site_15_E._coli (count/100ml)
1000
100
0
20
40
60
80
100
Flow Duration Interval(%)